

**REGIONAL HEALTH RESEARCH AND
DEVELOPMENT PRIORITIES
IN CENTRAL VISAYAS**

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REGIONAL PROFILE 2004

Composition

Region VII is commonly known as Central Visayas. It is composed of four (4) provinces, namely: Bohol, Cebu, Negros Oriental and Siquijor. Strategically scattered over these provinces are the cities of Cebu, Danao, Lapu-lapu, Mandaue, Talisay and Toledo in Cebu Province; Bais, Bayawan, Canlaon, Tanjay and Dumaguete in Negros Oriental, and Tagbilaran in Bohol.

Central Visayas consists of one hundred twenty (120) municipalities and two thousand, nine hundred sixty-four (2,964) barangays distributed as follows:

- a. CEBU - forty-seven (47) municipalities and one thousand one hundred seventy-two (1,172) barangays;
- b. BOHOL - forty-seven (47) municipalities and one thousand one hundred three (1,103) barangays;
- c. NEGROS ORIENTAL - twenty (20) municipalities and five hundred fifty-five (555) barangays; and
- d. SIKUIJOR - six (6) municipalities and one hundred thirty-four (134) barangays.

Geography

Region VII is located in the central part of the Philippine archipelago. Its geographic boundaries are the Visayan Sea in the north and Mindanao Sea in the south. The island of Leyte defines its eastern borders and Negros Occidental marks its western limits.

The whole region occupies a total land area of 1,492,310 hectares which is approximately 6% of the total land area of the entire Philippines. Among the four provinces, Negros Oriental has the largest land area of 540,227 hectares, followed by Cebu with 508,839 hectares, Bohol with 411,726 hectares and Siquijor with 31,518 hectares.

The total land area of the region is classified into forest land which is 37.4% of its total land area and alienable and disposable land which constitute the remaining 62.6%. The forest area is made up of 11% unclassified public forest and 89% classified public forest land. Timberland and forest reserve constitute 84% and 10% of the classified public forest land, respectively.

Its topography is characterized by rolling hills and rugged mountains with open valleys and scattered plateaus. The narrow coastlines could very well serve as beach resorts and alternate harbors.

Population

The 2004 estimated population of Central Visayas is six million, two hundred thirty-six thousand, and six hundred one (6,236,601). This is distributed as follows: Cebu, 58%; Bohol, 20%; Negros Oriental, 20%; and Siquijor, 2%. The cities constitute 30% and the provinces comprise the remaining 70% of the total population.

The population density is 346/square kilometer with a denser population in urban areas such as the cities of Cebu, Mandaue, Lapu-lapu and Dumaguete as compared to the rural areas.

The age distribution has a broad base and gently sloping sides characteristic of a young population. About 39% of the population belong to less than 15 years old and the older population (65 years and above) comprise 4%, thus giving a dependency ratio of 77.81. The male to female ratio is almost 1:1. See Table 1.

Based on the 1992 and 2004 population estimates, the annual geometric growth rate of the region is 1.62%. The population is expected to double in 45 years based on this growth rate. Life expectancy is 67 for males and 70 for females.

Table 1. Age-Sex Distribution, Region 7, 2004

AGE GROUP	BOTH SEXES		MALE		FEMALE	
	NUMBER	%	NUMBER	%	NUMBER	%
< 1	193,958	3.11	99,162	1.59	94,796	1.52
1 - 4	672,929	10.79	344,884	5.53	328,045	5.26
5 - 6	326,798	5.24	167,141	2.68	159,657	2.56
7 - 14	1,259,793	20.20	642,994	10.31	616,800	9.89
15 - 49	2,981,719	47.81	1,483,687	23.79	1,498,032	24.02
50 - 64	525,745	8.43	250,711	4.02	275,034	4.41
≥ 65	275,659	4.42	126,603	2.03	149,055	2.39
TOTAL	6,236,601	100.0	3,115,182	49.95	3,121,419	50.05

HEALTH STATUS

VITAL STATISTICS

Crude Birth Rate

A total of 135,675 births occurred in Region 7 with 60% of the births coming from the provinces and the remaining 40% in the cities.

The Crude Birth Rate (CBR) shows a generally decreasing pattern from 25.47 births/1,000 population in 1973 to its lowest rate ever recorded at 18.89 births/1,000 population in 1984; and thereafter it assumed a slowly increasing pattern up to 21.75 births/1,000 population in 2004. This could be attributed to an improvement in the completeness of registration and reporting of births. See Fig. 1.

As in previous years, there is a higher proportion of males born in 2004 as compared to females. The sex ratio at birth is 106 male births for every 100 female births.

Crude Death Rate

A total of 25,608 deaths occurred in 2004 with 41% of the deaths coming from the cities and 59% from the provinces.

The Crude Death Rate (CDR) is fluctuating during the period from 1974 to 1983 varying from 7.2 deaths/1,000 population to 8.33 deaths/1,000 population. From 1984 to the present, it is maintained at less than 5.50 deaths/1,000 population. See Fig. 1.

Death rates by age tend to be very high at infancy and early childhood, declining sharply by the age of 10. The rates remain low from this age, start to climb at around age 40 years and accelerate beyond 50 years and above. There are more male deaths than female deaths, giving a death sex ratio of 125 male deaths for every 100 female deaths. The mortality rate for males is 4.55 deaths per 1,000 male population and 3.66 deaths per 1,000 female population for female.

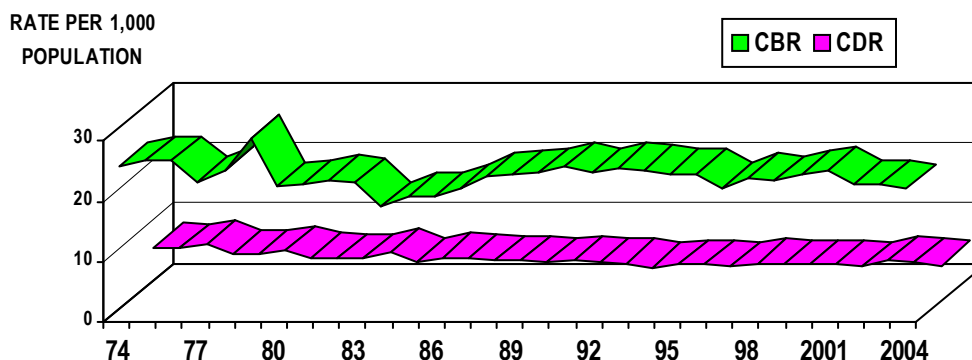


FIG. 1. CRUDE BIRTH AND DEATH RATES PER 1,000 POPULATION, REGION 7, 1974-2004.

Infant Mortality Rate

The Infant Mortality Rate (IMR) has been fluctuating with a generally decreasing trend from 1974 to 1984. Thereafter, it is consistently declining from 43.27 deaths/1,000 live births in 1985 to 9.41 deaths/1,000 live births in 2004. See Fig. 2. Pneumonia remained to be the number one leading cause of infant deaths. This is followed by in decreasing order of frequency by intrauterine hypoxia and birth asphyxia, Bacterial sepsis of newborn, Remainder of perinatal conditions, Disorders relating to length of gestation and fetal growth, Respiratory distress syndrome, Fetus and newborn affected by maternal factors and by complications of pregnancy, labour and delivery, Other respiratory conditions of newborn, Birth trauma and Haemorrhagic and haematological disorders of fetus and newborn.

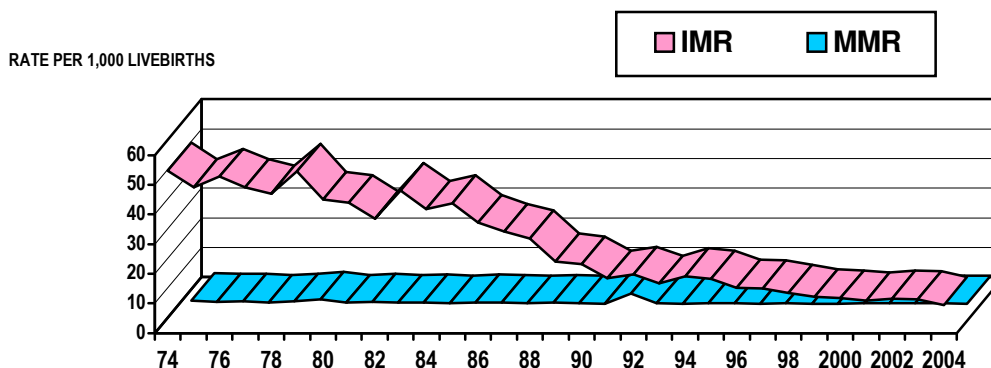


FIG. 2. INFANT AND MATERNAL DEATH RATES PER 1,000 LIVEBIRTHS, REGION 7, 1974-2004.

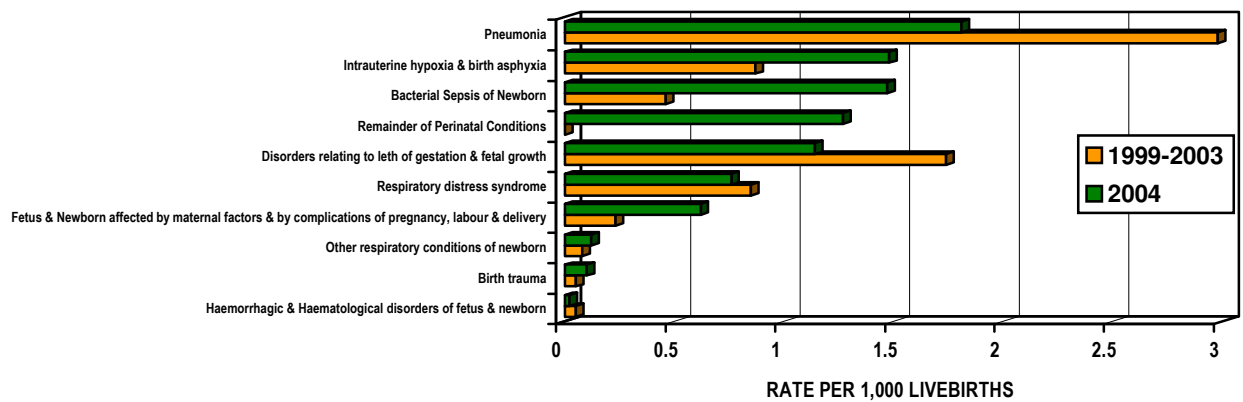


FIG. 3. TEN LEADING CAUSES OF INFANT MORTALITY PER 1,000 LIVEBIRTHS, REGION 7, 1999-2003 & 2004.

Maternal Mortality Rate

The Maternal Mortality Rate (MMR) has been steadily kept at a rate below 1/1,000 live births over the past ten years. See Fig. 2. Postpartum hemorrhage still occupies the number one leading cause of mortality. The other important causes of maternal deaths are Eclampsia Postpartum, Uterine Atony, Hypertension in Pregnancy, Ectopic Pregnancy, Placental Retention, Abortion, Pre-Eclampsia, Placental Abruption and Placenta Previa. See Fig. 4.

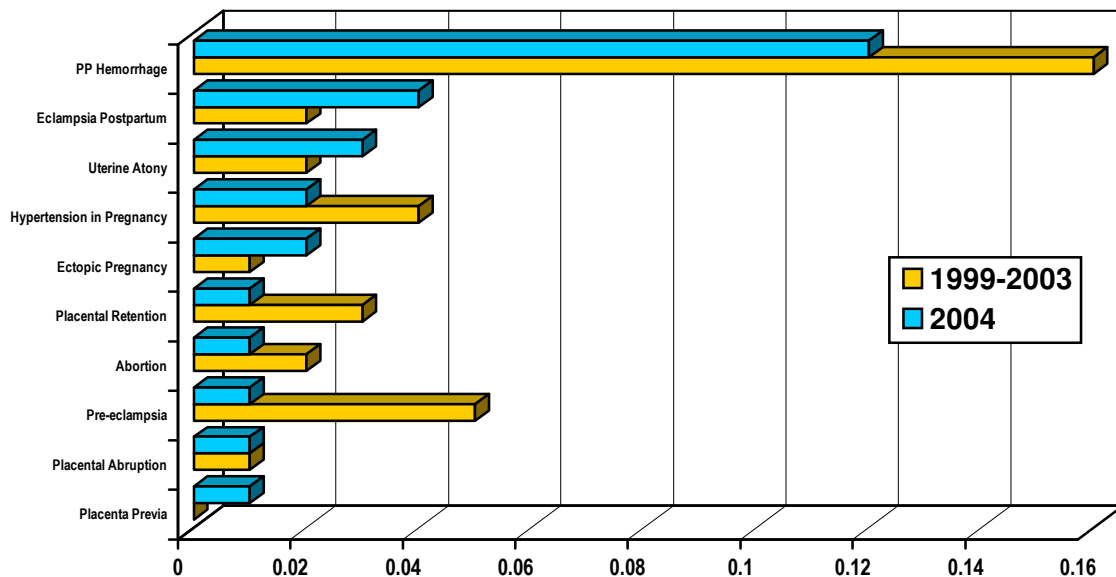


FIG. 4. TEN LEADING CAUSES OF MATERNAL MORTALITY PER 1,000 LIVEBIRTHS, REGION 7, 1999-2003 & 2004.

Leading Causes of Morbidity

Communicable diseases still constitute as the leading causes of morbidity with Diarrhea and gastroenteritis of presumed infectious origin as the number one leading cause of morbidity in the region. It is followed by in descending order by Pneumonia, Other acute upper respiratory infections, Influenza, Other disease of the respiratory system, Bronchitis, Emphysema & other chronic obstructive pulmonary disease, Essential hypertension, Other injuries of specified, unspecified & multiple body regions, Other disease of the skin and subcutaneous tissue, and Fever of unknown origin. See Fig. 5.

Leading Causes of Mortality

Other heart diseases occupies the top leading cause of general mortality. The other important causes of mortality Pneumonia, Neoplasm, Ischaemic heart diseases, Cerebrovascular diseases, Respiratory tuberculosis, Symptoms, signs and abnormal clinical laboratory findings, not elsewhere classified, Septicaemia, Chronic lower respiratory diseases and Hypertensive diseases. See Fig. 6.

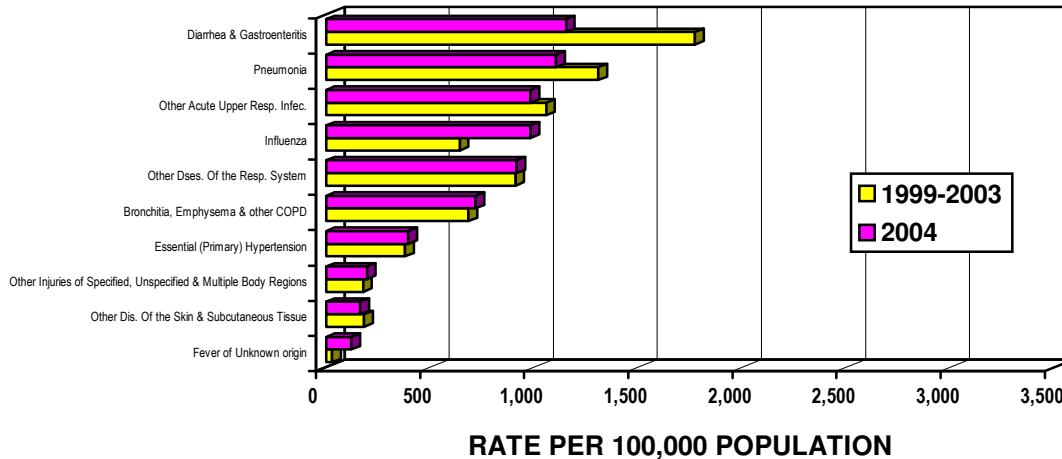


FIG. 5. TEN LEADING CAUSES OF MORBIDITY PER 100,000 POPULATION, REGION 7, 1999-2003 & 2004.

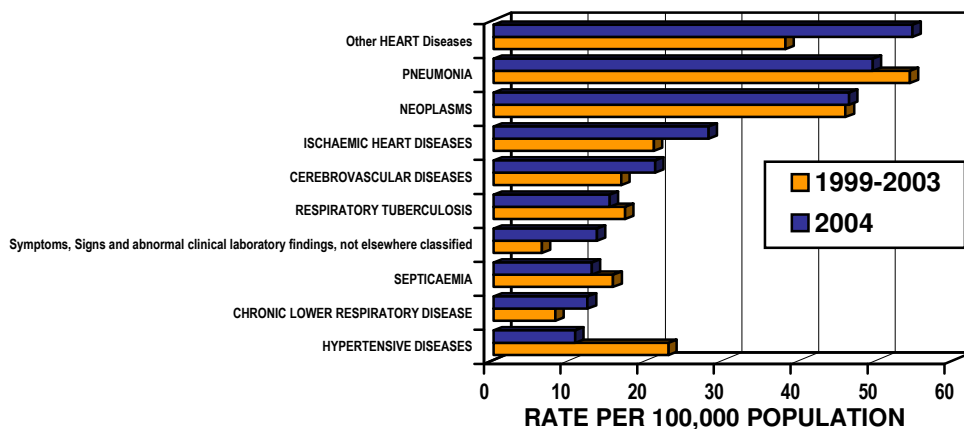


FIG. 6. TEN LEADING CAUSES OF MORTALITY PER 100,000 POPULATION, REGION 7, 1999-2003 & 2004.

HEALTH MANPOWER

The total health manpower in the region is 23,609 with the following health manpower to population ratio:

- o rural health physician: population = 1:29,280
- o public health dentist:: population = 1:49,893
- o public health nurse : population = 1:19,925
- o medical technologist : population = 1:51,120
- o rural health midwife : population = 1:4,147
- o rural sanitary inspector : population = 1:17,921

HEALTH FACILITIES

There are four (4) provincial health offices, twelve (12) city health offices, one (1) medical center, one (1) regional hospital, one special hospital (Mother and Child Hospital) and one (1) sanitarium in the region. A total of 153 main health centers, 1,282 barangay health stations and 56 government hospitals are distributed all over the region. The total hospital beds for the region is 5,285 in 103 hospitals.

The health facility to population ratio is as follows:

- o health center : population = 1:35,522
- o barangay health station : population = 1:4,239
- o hospital : population = 1:52,765
- o government hospital : population = 1:97,050
- o private hospital : population = 1:115,634

Table 1. Distribution of Hospitals, Region 7

PROVINCE	PRIMARY HOSPITALS		SECONDARY HOSPITALS		TERTIARY HOSPITALS	
	Govt.	Private	Govt.	Private	Govt.	Private
CEBU	15	8	12	6	2	12
BOHOL	8	9	5	8	1	2
ORIENTAL NEGROS	9	0	4	0	1	2
SIQUIJOR	1	0	1	0	0	0
TOTAL	33	17	22	14	4	16

REGIONAL STATUS

Identified Health Research Institutions in Region 7

A. Non-Medical Institutions:

1. University of San Carlos/Office of the Population Studies
2. Cebu State College of Science and Technology
3. University of the Philippines – Cebu
4. Cebu State College
5. Cebu Institute of Technology
6. University of Southern Philippines Foundation, Inc.
7. Silliman University
8. University of Bohol
9. Divine Word University

B. Medical Institutions:

1. Cebu Doctors' University
2. Cebu Institute of medicine
3. Southwestern University – MHAM College of Medicine
4. University of the Visayas – Gullas Memorial College of Medicine

C. Hospitals:

1. Cebu Doctors' University Hospital
2. Cebu Velez General Hospital
3. Chong Hua Hospital
4. Perpetual Succour Hospital
5. Visayas Community Medical Center
6. Vicente Sotto Memorial College of Medicine
7. Sacred Heart Hospital
8. Cebu City Medical Center

D. NGO:

1. Ramon Aboitiz Foundation
2. Leonard Wood Memorial

E. Department of Health – CHD – CV

Table 2. Accomplishment Inventory Report, Research & Development, 1999 – 2004,
Region 7

BROAD TOPIC	SPECIFIC TOPIC	NUMBER
<i>I. Infectious Diseases</i>	Dengue	8
	Tuberculosis	7
	SARS	5
	Diarrhea	3
	Measles	3
	Nosocomial Infections	3
	Respiratory Infections	2
	STI/HIV/AIDS	2
	Hepatitis	2
	Meningitis	1
	Leprosy	1
	Pneumonia	1
<i>II. Non-Infectious Diseases</i>	Carcinoma	23
	Cardiovascular	17
	Trauma	13
	Diabetes Mellitus	9
	Gastrointestinal	8
	Metabolic	7
	Degenerative	6
	Renal	6
	Blood	4
	Hepatobiliary	4
	Central Nervous System	2
	Surgery	2
<i>III. Dental</i>		1
<i>IV. Environmental</i>		1
<i>V. Family Health & Health of Special Concerns</i>	Reproductive Health	36
	Pediatrics	14
	Child Abuse	4
	Infant Feeding	3
	Domestic Violence	2
	Substance Abuse	2
<i>VI. Others</i>	Analgesics/Anesthesia	16
	EENT	6
	Antimicrobials	3
	Asthma	1
	BMI	1
	Congenital Anomalies	1
	Autoimmune	1
	Death/Dying	1
<i>VII. Health Financing</i>	HMO	1
<i>VIII. Human Equity</i>		1
<i>IX. Health Care Delivery</i>		18
<i>X. Health Regulations</i>		3
<i>XI. Herbal/Alternative Medicine</i>		64

NOTE: Refer to Annex B for details.

METHODOLOGY

Last February 2005, Philippine Council for Health Research & Development (PCHRD) had a meeting with Regional Health Research and Development Foundation – 7 (RHRDF) and its member institutions for the Zonal Consultation on Research for Regions 6,7 and 8) scheduled for October 2005.

After the said meeting, the member institutions of RHRDF (DOH7, Cebu Doctors University, Cebu Institute of Medicine, Southwestern University and University of San Carlos – Office of Population Studies) met and form a core group for the zonal consultation on research spearheaded by the Department of Health 7. The guidelines for consultation by PCHRD was discussed which include: standard techniques/strategies and activities, proposed criteria for prioritization of R&D areas, standard matrix for reporting of priority R&D areas/topics, list of “must” invitees to the consultation workshop and format of the technical report. The group agreed to conduct three separate provincial consultations for the provinces of Cebu, Bohol and Oriental Negros with Siquijor. It was decided that it will be the core group (of facilitators) who will go to the provinces instead of invitees going to Cebu, for the series of provincial consultations. .

The topic for research revolved within the FOURmula ONE for Health of the Department of Health: financing, regulation, service delivery and governance. The participants were divided into three groups: (1) Health Issues to focus on diseases of public health importance; (2) Health services which include health care delivery system, local health system, health information system, quality of health education, hospital system, traditional health care practices, natural/organic methods of healing; and, (3) Policies and Regulation which covers health regulatory system, health technology and products, health care financing, research ethics, herbal medicine and health policies and regulation. Facilitators were assigned to the three groups.

Participants were identified from the government agencies/organization, non-government organization, people organizations and academe and others (Annex A).

A uniform format for the conduct of the provincial sessions was followed for all three groups. The sessions lasted a whole day for each of the provincial group. The morning sessions started with an overview of the health Sector Reform Agenda. This was followed by a brief report on basic demographic characteristics and statistics on Fertility, Family Planning, Maternal Health and Child Health of Region 7 provided by the personnel from the National Economic and Development Authority (NEDA) Region 7 Office. This was followed by a provincial health situationer by officers of the respective provincial health offices.

Participants were grouped into 3 categories for the afternoon sessions. The 3 categories represented Public Health, Local Health Systems and Health Regulations. The objectives of the workshop were to identify priority health problems, the various reasons for existence of the identified problems, and institutions or agencies that could be tapped for future research into the identified problems. Participants were given time to write the problems in metacards, which were subsequently grouped by similarity of the nature of the problems. During the workshop, the following was used as criteria for prioritization of research areas was based on the following: (1) urgency/magnitude of the issue/problem/prevalence (rank) of the disease/burden to the community, (2) feasibility/do-ability of the research based on existing zonal capabilities, (3) impact of R&D on a greater number of the population (in terms of mortality and morbidity, quality

of life, social desirability, cost of health care, and in anticipating future health problems/issues, (4) research have impact on the health issues being addressed , and, (5) area is not well funded/neglected by other agencies.

Having come up with a list of specific problems, these problems were then prioritized and ranked according to severity and magnitude of the problem (burden of illness), feasibility of research and availability of resources for the efficient implementation of planned research activities. The problem given a final rank of number 1 was the identified problem of highest priority.

After the provincial consultations, series of meetings among facilitators was called to finalize the output using the proposed matrix for arriving at regional/zonal priorities for R&D. The recommended format for technical report was followed in coming up with a report for the zonal consultation.

RESEARCH PRIORITY AREAS

TABLE 3. MATRIX FOR RESEARCH AREAS/TOPICS, REGION 7.

Broad R&D Area	Specific Topic	Rationale	Objectives	Responsible Agency	Funding Source
PUBLIC HEALTH ISSUES					
<i>I. Infectious Diseases</i>					
a. Tuberculosis	DOTS as a strategy Effect of devolution Drug resistance	TB is still the prevalent & is the No. 6 cause of mortality	To evaluate the outcome of DOTS as a strategy in the prevention and control of tuberculosis. To evaluate the effect of decentralization on chronic diseases: tuberculosis and leprosy. To identify the factors that may be associated with drug resistance among patients with PTB.	RHRDF - 7	DOH LGU PCHRD Academe
b. Dengue	Effectiveness of dengue prevention & control program	Increasing seasonal prevalence of dengue fever/dengue	To determine the effectiveness of dengue prevention and control program.	-do-	-do-

		hemorrhagic fever. Prevalence of dengue Habitat of the vector of dengue	To determine the different factors associated with the increasing prevalence of dengue fever. To determine the breeding places/habitat of the vector of dengue fever.		
c. Diarrhea	Health practices regarding diarrhea Etiologies of diarrhea	Still the No. 1 cause of morbidity in the region.	To determine the health practices and health-seeking behaviors of mothers of children with diarrhea To identify the etiologies of diarrhea in different age groups of children.	-do-	-do-
d. STI/HIV/AIDS	Sexual behaviors of OFWs Sexual behaviors of youths	Increasing prevalence of STI/HIV/AIDS in the region	To determine the sexual behaviors of OFWs with STI/HIV/AIDS. To determine the sexual behavior of youths with STI/HIV/AIDS.	-do-	-do-
	Effects of HIV on offsprings		To determine the psychosocial and economic effects on the children or offsprings of HIV (+)	-do-	-do-
e. Hepatitis	Prevalence of hepatitis & its determinants Prevalence of (+) HbAG	Increasing prevalence of hepatitis	To determine the prevalence of different types of hepatitis & its determinants. To determine the	-do-	-do-

	among those with hepatoma		prevalence of (+) HbAg among patients with hepatic carcinoma in VSMCC. To determine the prevalence of HbAg among the offspring of Hb(+) & its determinants.		
f. Rabies	Incidence of dogbite & Rabies Factors of dogbite Immediate treatment of dogbite Treatment regimen of dogbite	Increasing incidence of dogbite & rabies in the region	To determine the incidence of dogbite & rabies in the region. To determine the factors associated with dogbite. To determine the Immediate measures taken by a dogbite victim. To determine the most common treatment regimen of those with dogbite & its associated problems.	-do-	-do-
II. Degenerative Diseases					
a. Cardiovascular Diseases	Impact of the healthy-lifestyle Program	It is the No. 1 cause of mortality	To determine the impact of the healthy lifestyle program. To identify the socio-economic determinants of cardiovascular diseases. To determine the	-do-	-do-

			<p>cost-benefit of the cardiovascular diseases.</p> <p>To determine the rate of utilization of rehabilitative programs for post-stroke and related cases in government rehabilitation centers and community-based programs.</p>		
b. Metabolic diseases	<p>Prevalence & determinants of DM</p> <p>Prevalence & determinants of thyroid Disorder</p> <p>Treatment regimen</p> <p>Availability of screening tests</p>	Increasing prevalence of DM and other disorders	<p>To determine the prevalence & determinants of DM.</p> <p>To determine the prevalence & determinants of thyroid disorders.</p> <p>To determine the treatment regimen of each disorder.</p>		
III. Family Health & Health Of Social Population					
a. Domestic Violence & Child Abuse	Prevalence & determinants of domestic violence & child abuse	Increasing prevalence of domestic violence & child abuse.	<p>To determine the prevalence of child abuse and its associated factors.</p> <p>To determine the prevalence of child abuse and associated factors.</p> <p>To determine the psychological effects of</p>	-do-	-do-

			domestic violence of their offspring.		
HEALTH SERVICES	A. Lack of logistics for Support.	1. Health facility a .Building/ structural deficiencies b. Staffing problems c. Budgetary constraints/ limited LGU or provincial support for health facility programs	To identify basic community health needs requiring specific health facility structural designs. To identify basic community health needs requiring health care providers specific skills that would effectively address the identified needs. To identify priority concerns of LGUs and determine the particular priority status of health care and health delivery in their respective localities. To identify determinants to a particular LGU's selection of prioritization status of health care and health delivery in their respective localities. To determine the proportion of well-maintained local health facilities in terms of structural maintenance.	-do-	-do-
		2. Human Resources a. Inadequate training/ capacity	To determine the profile of health workers as to the following: a. Academic	-do-	-do-

		<p>building for manpower</p> <p>b. NEDA/DOH scholarship for health workers does not extend to RHU personnel</p> <p>c. Poor career paths for physicians</p> <p>d. Limited manpower/ limited fulltime staff</p> <p>e. Inability to retain hospital staff/rapid turnover of medical officers</p> <p>f. Well-trained personnel but is not licensed</p> <p>g. No hazard pay for health workers despite it being provided for in the Magna Carta</p> <p>h. Decrease in Magna Carta benefits for Workers</p> <p>i. Lack of incentives for health workers</p> <p>j. Unrealistic salary schemes resulting in demoralization of health workers</p> <p>k. Limited budgetary provisions for</p>	<p>preparations for the job</p> <p>b. Job knowledge</p> <p>c. Job Satisfaction Level</p> <p>d. Career path</p> <p>To determine extent and magnitude of the rapid turn-over and 'brain drain' among health workers.</p> <p>To define competencies and skills expected of health workers by local health administrators.</p> <p>To identify health-related barriers to effective work performance.</p> <p>To determine the attitudes of health workers regarding their work tasks.</p> <p>To determine the level of job satisfaction & determinants thereof of local health workers.</p> <p>To determine the proportion of health facilities with existing programs that provide for career advancement of health workers.</p> <p>To identify health</p>		
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		manpower	workers expectation in terms of incentives and promoters to better work performance.		
		<p>3. Supplies/ Equipment</p> <p>a. Non-reliance on generic supplies</p> <p>b. High cost of branded supplies</p> <p>c. Inefficient procurement</p> <p>d. Lack of supplies</p> <p>e. Obsolete or outdated supplies & equipment</p>	<p>To evaluate the drugs and procurement policy and measure its impact on the delivery of health services.</p> <p>To develop low-cost but equally effective alternatives to the treatment of common ailments in the barangay level.</p> <p>To compare direct treatment-related cost of various medical therapies by type of disease.</p> <p>To determine the knowledge and misconceptions of local health workers regarding the generics act & determinants thereof.</p> <p>To determine the knowledge & misconceptions of local community consumers regarding the generics act & determinants thereof.</p>	-do-	-do-

			<p>To describe medical supply & drug stocking and inventor practices of rural health units.</p> <p>To compare the top drug supplies of various local pharmacies and relate it to the top ten causes of morbidity and mortality within the same areas.</p>		
	B. Inadequacy of Health Education	<p>1. Attitude problems of health workers</p> <p>2. Negative attitudes of the constituents</p> <p>3. Conflicting traditional beliefs and practices</p> <p>4. Low educational attainment of constituents</p> <p>5. Ineffective educational process (not culturally sensitive)</p> <p>6. Lack of training for health information development and promotion</p> <p>7. Inadequate logistics for promoting health education (lack of trainers,</p>	<p>To determine practices of health providers and of the community member consumers towards disease prevention and other health concerns and determinants thereof as basis for developing:</p> <p>a. effective and efficient public awareness campaign program</p> <p>b. improve health services program</p> <p>c. action plan to address change in the health practices paradigm of the community.</p> <p>To determine the level of knowledge and awareness & determinants thereof of the health providers</p>	-do-	-do-

		<p>health educators, IEC materials)</p> <p>8. Inefficient information dissemination strategies</p> <p>9. Limited disease surveillance systems or units</p> <p>10. Non-prioritization of health needs by consumers</p> <p>11. Constituents' lack of empowerment</p>	<p>and the community member consumers on health-related services and concerns.</p> <p>To determine the attitudes and determinants thereof of the health providers and the community member consumers on health-related services and concerns.</p>		
	<p>C. INEFFECTIVE HEALTH SERVICE DELIVERY</p>	<p>1. Interference by local politicians</p> <p>2. Negative attitudes of LGU staff</p> <p>3. Lack of LGU/Provincial support for RHU or PHU Programs</p> <p>4. Limited transportation/communication facilities for use by health personnel</p> <p>5. Limited logistics for supplies and medical equipment</p> <p>6. Limited logistics for program implementation</p> <p>7. Inaccessibility of RHU</p> <p>8. Mismatch between</p>	<p>To assess community needs and identify resources for support in the implementation of regional or provincial health programs.</p> <p>To determine impact of specific health programs measuring the level of participation and extent of services provided.</p> <p>To determine the attitudes & determinants thereof of LGU staff members regarding health service delivery.</p> <p>To identify the basis for selection of health supplies</p>	-do-	-do-

		<p>community needs & available or delivered supplies</p> <p>9.Non-functioning ILHZ</p> <p>10.Absence of focal persons or trained RHU “managers”</p> <p>11.Resistance of policy implementers/ conflict of interest/health concerns not in top priority list of implementers</p> <p>12.Inactive Local health Boards/ frequent failure to meet quorum</p> <p>13.Non-functional to ineffective referral system/ insufficient manuals for referral systems/non-implementation of referral system</p> <p>14.Non-optimization of program implementation</p> <p>15.Unrealistic targets</p> <p>16.Ambiguous policies/ conflicting policies</p>	<p>delivered to various communities.</p> <p>To determine the proportion of and types of cases referred from lower care levels to higher care levels.</p> <p>To determine the most common reasons for referral of cases to higher care levels.</p> <p>To determine the level of knowledge and determinants thereof of lower level care facilities personnel regarding the referral system.</p>		
	D. FAILED QUALITY	1. Inactive Local health Boards	To determine the proportion of Local Health	-do-	-do-

	ASSURANCE	<p>2.Lack of quality assurance activities</p> <p>3.No guidelines</p> <p>4.Lack of training for quality assurance</p> <p>5.Failure to provide explicit measurable outcomes or targets</p> <p>6.No monitoring systems in place</p> <p>7.No logistics provided</p> <p>8.No local hospital in the area</p> <p>9.Quality assurance not a priority for budget providers</p>	<p>Boards (LHB) with existing operating Manuals and/or by-laws wherein explicit objectives are specified.</p> <p>To identify LHB objectives that have explicit measurable outcome or targets.</p> <p>To determine the proportion of LHB with at least 75% of their objectives having been accomplished in the past 5 years using their specified outcomes as indices of measurement of performance.</p> <p>To determine the proportion of LHB with existing program monitoring activities and key persons.</p> <p>To determine the level of knowledge and determinants thereof of LHBs members regarding quality assurance in the delivery of health services.</p> <p>To describe current quality assurance</p>		
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			<p>practices of budget providers.</p> <p>To describe quality assurance practices of LHBs.</p> <p>To determine the attitudes and determinants thereof of LHB members regarding quality assurance involving delivery of health services.</p> <p>To identify barriers to the implementation of quality assurance activities.</p> <p>To determine the proportion of government health providers who are aware of existing quality assurance procedures in their respective localities.</p>		
HEALTH REGULATION					
1. Illegally operating establishments	<p>Determinants of compliance to BFAD and other laws by the ff. establishments:</p> <ol style="list-style-type: none"> 1. Water refilling stations 2. Food establishments 3. Drug establishments 4. Birthing homes 	<p>Increased incidence of diarrhea</p> <p>Poor quality of food & drug products</p> <p>Proliferation of counterfeit drugs</p> <p>Poor quality</p>	<p>Awareness of BFAD and other laws as well as compliance procedures/ requirements by the following:</p> <ol style="list-style-type: none"> a. Operators b. LGU officials c. Health Personnel <p>Perception/</p>	-do-	-do-

	5.Clinical, X-ray and DTLs	health service	<p>satisfaction of operators of regulatory system</p> <p>Existence of local ordinance to support compliance of regulated establishments</p> <p>Frequency of visits of regulatory officers</p> <p>Other reasons for non-compliance such as Personal attributes, convenience, etc</p>		
2. Non-implementation of health policies by LGUs	<p>Status of implementation of Sanitation Code by LGUs (water component)</p> <p>Status of implementation of ASIN Law by LGUs</p> <p>Survey of LGUs implementation</p> <p>Policies supporting Rabies Prevention & Control</p>	<p>Water-borne diseases leading cause of morbidity</p> <p>Poor academic performance of labor force</p> <p>Increasing incidence of dogbite</p> <p>High cost of vaccine</p>	<p>Percentage of HH supplied with safe water</p> <p>Water testing & water treatment practices of RSIs</p> <p>Regulatory capacities of RSIs</p> <p>Percentage of LGUs with local ordinance supporting ASIN Law</p> <p>Perception of LCEs of Salt Iodization Program and ASIN Law</p> <p>Validity of Patak sa Asin sa Market byRSIs</p> <p>Percent of HH utilizing Iodized Salt (based on BHW evaluation)</p>	-do-	-do-

			Percentage of LGUs with local ordinance supporting Rabies Prevention & Control Program Perception/ awareness of LCEs on Rabies Prevention and Control		
3. Centralized Regulatory Functions	Feasibility of decentralizing BFAD Licensing Office	Economic loss of food & drug establishment due to delayed waiting time in release of licenses	<p>Workload of BFAD Central and Regional Offices.</p> <p>Mean issuance time of license, response time to violations and resolution time of complaints.</p> <p>Regulatory capacities of FDROs</p> <p>Satisfaction of clients to BFAD service</p>	-do-	-do-

ANNEXES

ANNEX A

PROVINCIAL CONSULTATION ON RESEARCH

PROVINCE OF CEBU

Hotel Asia, Don Jose Avila St., Cebu City

August 9, 2005

LIST OF PARTICIPANTS

NO.	NAME	DESIGNATION	OFFICE
1	Ma. Helen Macarayan		Cebu Doctors' University Hospital
2	Dr. Daniel C. Ventura, Jr.		Southwestern University
3	Dr. Manuel B. Purog		PHO-Cebu
4	Victoria B. Sebial		PHO-Cebu
5	Dr. Jonathan Neil Erasmo		DOH-CDH 7
6	Dr. Yvonne M. Lanuza		SWU
7	Dr. Rachel B. Cadelina		Department of Agriculture
8	Dr. Ma. Fidelis E. Quiza		CIM
9	Joe A. Salvador, Jr.		DBM-VII
10	Dr. Celia M. Mabalatan		VSMCC
11	Nicolas M. Gultiano		NSO – 7
12	Felixberto Sato, Jr.		NSO – 7
13	Dr. Myrna R. Go		CCMC
14	Jesusa J. Estaño		SB on Health – Santander
15	Regina Salvador		POPCOM
16	Leo Rama		POPCOM
17	Ofelia Dotillos		DOH – VII
18	Dr. Jill Go-Jurado		Catmon-RHU
19	Dr. Angelita A. Salarda		CHD-CV
20	Josephine Avila		OPS-USC
21	Leticia Cabrera		CDU
22	Dr. Susana K Madarieta		CHD-CV
23	Imelda de Leon		PCHRD
24	Teresita Laguimon		PCHRD
25	Milagros G. Lucmayon		DENR
26	Alan Feranil		PCHRD
27	Crystal E. Oliveros		DOST-7
28	Basil Mangubat		Consolacion
29	Dr. Jaime Montoya		PCHRD
30	Jujemay Awit		Sun Star
31	Dr. Samuel D. Trocio		Gullas College of Medicine
32	Dr. Josefina Poblete		CIM
33	Dr. Virginia Mesola		CIM
34	Dr. Arlene Diaz		SWU
35	Evangeline P. Cañoneo		DOH-7
36	Dr. Rey S. Habagat		Ginatilán RHU

PROVINCIAL CONSULTATION ON RESEARCH

PROVINCE OF BOHOL
MetroCentre Hotel, Tagbilaran City
August 10, 2005

LIST OF PARTICIPANTS

NO.	NAME	DESIGNATION	OFFICE
1	Feliza L. Saniel	Senior Citizen	Retired RN, DOH
2	Vina B. Antopina	SRS II	DOST, Bohol
3	Luz B. Lopos	Staff Midwife	IMAP
4	Dr. Mutya Kismet T. Macuno	MS II; Chair, Research Comm.	Gov. Gallares Mem. Hospital
5	Susan B. Sagaral	DOH-Rep	Loay
6	Jennifer C. Cemeni	Med. Tech I	Don Emilio del Valle Hospital – Ubay
7	Francesca Miculob	Brgy. Captain	Catarman, Dauis
8	Dr. Greg Julius Sodusta	Chief of Hospital	FDMH, Inabanga
9	Marilyn Bobs R. Uy	SB – Committee on Health	Baclayon
10	Rodulfo J. Angola	AO II	Catigbian District Hospital
11	Edna P. Palacios	DOH-Rep	Bien Unido
12	Corazon C. Angub	Brgy. Captain	LGU – Loay
13	Davelinda M. Chatto	MHN	Balilihan
14	Dr. Noel R. Viña	MHO	San Isidro RHU
15	Marissa E. Samante	DOH-Rep	CHD VII
16	Alan Feranil	Chief SRS	PCHRD
17	Dr. Ma. Portia Reyes	PHTL	CHD VII
18	Irenea C. Mag-aso	CAO II	OPSWD
19	Ramil Ensik	RHP	Loon 2
20	Dr. Ma. Juliet M. Nazareno	MO III	CHO
21	Dr. Purisima M. Valmoria	MO IV	GMPH, Talibon
22	Aludia L. Sepe	Midwife III	RHU, Calape
23	Arlene A. Caadlawon	ABC President	LGU – Candijay
24	Rudy E. Navea	Brgy. Kagawad	Mansasa - Tagbilaran
25	Villarod Mercader	AO	CHI
26	Julius A. Gasatan	Nurse IV	PHO
27	John Paul S. Mistal	Clerk III	DOLE
28	Dr. Jonathan Neil V. Erasmo	MS II	CHD VII
29	Ofelia Dotillos	Nurse V	CHD VII
30	Evangelina P. Cañoneo	Statistician II	CHD VII
31	Felixberto M. Sato, Jr.	CSO I	NSO 7
32	Nicolas M. Gultiano	Statistician III	NSO 7
33	Dr. Angelita a. Salarda	Medical Officer VII	CHD 7
34	Yvonne M. Lanuza	Faculty	SWU
35	Teresita Laguimun	OIC – HRIDD	PCHRD
36	Crystal E. Oliveros	SRSI	DOST 7
37	Emy de Leon	SSRI	PCHRD
38	Dr. Ma. Fidelis E. Quiza	Consultant	CIM
39	Daniel Ventura, Jr.	Director	Center for Research – SWU
40	Glicerita Racho	Planning Officer	DENR
41	Dr. jude O. Doblaz	MHO	Balilihan
42	Helen Q. Igot	PO I	PAO
43	Alberto Romuc	DO	PTCP – Feed the Children
44	Nevaline V. Miranda	MSO IV	PHILHEALTH
45	Jereme Asunto		PHILHEALTH
46	Dr. Jessica Socorro G. Yu	MS IV	PHO
47	Josefina J. Relampagos	PPO	PHO

48	Dr. Arnold Gaculada	MHO	Jagna
49	Dr. Allan A. Evangelista	MHO	Catigbian
50	Dr. Ben Galia	CHO	CHO
51	Emil Hao	SB	Panglao
52	Dr. Michael Martos	MHO	Alicia
53	Dioscoro Barte	RSTO	Bohol
54	Marcial M. Tanggaan	RSTO	Bohol

PROVINCIAL CONSULTATION ON RESEARCH

PROVINCE OF ORIENTAL NEGROS

Bethel Guest House, Dumaguete City

August 11, 2005

LIST OF PARTICIPANTS

NO.	NAME	DESIGNATION	OFFICE
1	Jocelyn C. Cadimas	Instructor	Silliman University
2	Dr. Abe G. Dionaldo	Physician	Jimalalud
3	Rochie C. Cagara	Instructor	SU
4	Lourdes L. Oliva	Instructor	SU
5	Adelaida E. Eliunia	SSRS	DOST
6	Gilbert Arbon	SRS II	DOST
7	Dr. Socrates R. Villamor	PHTL	PHTO
8	Dr. Ireonaeus U. Selgas	MHO	DOH
9	Ma. Fe K. Patelora	SWO I	DSWD
10	Marites E. Que	OIC	PHILHEALTH
11	Cowell B. Alfone	Safety Officer	DUCOM – Bacong
12	Dr. Chelsa Cacaldo	MO V	IPHO
13	Dr. Bernarda C. Cortes	APHO	IPHO
14	Pedro L. Robledo	Nurse V	CHD VII
15	Chita C. Labe	Nurse IV	IPHO
16	Estelita A. Llorente	ABC President	Siaton
17	Dr. Edalin L. Dacula	CHO I	Bayawan
18	Dr. Dante Domingo	COH	NOPH
19	Katherine V. Vinarao	Prdn. & R&D Manager	Orient Foods Ind. Corp.
20	Mae B. Magdamo	Sales & Marketing	Orient Foods Ind. Corp.
21	Dr. Ely V. Villapando	PHO II	IPHO
22	Dr. Della Futralan	MHO	Zamboanguita
23	Amparo L. Mariño	BHW President	Jimalalud
24	Christina Martinez	Baker	Ricky's Bakery
25	Dr. Ma. Elizabeth Sedillo	CHO	Tanjay
26	Manon T. Iglesia	FDRO II	CHD VII
27	Dr. Leah B. Salvatierra	MHO	Bindoy
28	Gregorio Goros, Jr.	SB	LGU – Jimalalud
29	Josephine Avila	Director	OPS – USC
30	Teresita Laguimun	OIC – HRIDD	PCHRD
31	Dr. Edgardo P. Pialago	COH	Bindoy District Hospital
32	Merla V. Fernandez	SB	Vallehermoso
33	Jordan Bernua	SB	Vallehermoso
34	Alfa Salome C. Lagos	SB	Siaton
35	Nicolas Gultiano	Stat III	NSO 7
36	Dr. Ma. Fidelis E. Quiza	Consultant	CIM
37	Felixberto M. Sato, Jr.	SCO I	NSO 7
38	Crystal E. Oliveros	SRS I	DOST 7
39	Melchor J. Sumabong	Driver	CHD VII
40	Emy de Leon	SSRS	PCHRD
41	Nenita S. Rabaya	SP Member	Tanjay
42	Susie D. Sayre	PMC	PHTO
43	Marlo P. Doblas	Driver	PHTO
44	Dr. Angelita A. Salarida	MO VII	CHD VII
45	Evangelina P. Cañoneo	Stat II	CHD VII
46	Ofelia Dotillos	Nurse V	CHD VII
47	Dr. Alan Feranil	Chief	PCHRD

ANNEX B
ACCOMPLISHMENT INVENTORY REPORT
RESEARCH & DEVELOPMENT

AREA	RESEARCH TITLE	PROPONENT	TIME FRAME	RESEARCH INSTITUTION	FUNDING	STATUS
I. Infectious Diseases						
1.Tuberculosis	TB Drug Resistance Survey in Cebu City & Mandaue City, 2000 A Preliminary Report	Dr. Elaine Teleron	2001-2003	DOH 7	10,000.00	Completed
	TB Drug Resistance Survey in Cebu City & Mandaue City, Year 2002-2003	Ms. Lucy Aguiman	2002	DOH 7	GOP	Completed
	Incidence of Treatment Failure & Relapse Among Pulmonary Tuberculosis Patients Who Were Initiated Into the Anti-TB Short Course Chemotherapy Under the New National Tuberculosis Control Program-Cebu City Health Department, Year 1996 & 1997	Amor, A. et al	1999-2000	CVGH		Completed
	National Drug Resistance Surveillance (DRS) on Tuberculosis In The Philippines	Dr. Enrique Sancho Ms. Lucy Aguiman	2003-2004	DOH 7	GOP	Completed
	A Study of Patients with Pulmonary Tuberculosis Admitted at VSMMC from January 1998 to December 2000	Dr. Ainee Marohomsalic Dr. Celia Mabalatan	2000-2001			Completed
	A Study on the Radiologic findings Common Among Filipino Patients Diagnosed with Pulmonary TB thru Chest X-Ray from Jan. 2001-Feb. 28, 2001	Dr. Peter Lupe Solaña	2001	VSMMC		Completed
	Management of Chest X-Ray Positive Sputum negative TB Cases Referred by VSMMC Department of Family & Community Medicine to DOH Region VII TB Diagnostic Committee from Jan. 2002-Dec. 2003	Dr. Jonathan Loreche	2002-2003	VSMMC		Completed
	2.SARS	The Knowledge & Practices of Medical Students of CIM	PBL III Students	2003-2004	CIM	

	Regarding SARS					
	Infection Control Measures of the Two SARS Referral Hospitals in Cebu City: Adherence to the Two Guidelines	PBL III Students	2003-2004	CIM		Completed
	Study of the Knowledge of Barangay San Jose (Talamban) Residents on SARS	PBL III Students	2003-2004	CIM		Completed
	Tuberculi Reactivity After Five Years Among BCG Vaccinated Children Enrolled at Tisa 1 & 2 Elementary Schools	Dr. Ma. Hazel Reyes	2003	CIM		Completed
	Knowledge & Practices of CDH- Affiliated Pediatricians of the Diagnostic and management Guidelines in the 2003 National TB Consensus for Children	Dr. James Windford Gelaga	2004	CIM		Completed
3.Respiratory Infections	A Comparative Study of the Rates of Occurrence of the Prevalent Respiratory Tract Diseases of Residents of the Following Areas in Leyte: A) Ormoc City, B) Merida C) Palompon D) Isabel from 1992-1996	Amor, RF Jr. et al	1992-2000	CVGH		Completed
	A Descriptive Study of the Top Ten Towns in Cebu with the Prevalence of Respiratory Tract Diseases for the Year 1997	Abella, H. et al.	1996-2000	CVGH		Completed
4.Diarrhea	Profile of Patients Admitted at VSMMC for Acute Gastroenteritis from 1998-2000	Dr. Jewel Fernandez	2000-2001	VSMMC		Completed
	The Incidence, Clinical Presentation and Outcome of Pediatric Patients with Enteric Fever Admitted at VSMMC Pediatric	Dr. Darwin Pitogo		VSMMC		Completed
	The Effect of Zinc Supplementation in Children with Acute Diarrhea Admitted at CDH	Dr. Chonna Layos	2003	CDH		Completed
5.STI/HIV/AIDS	Mass Prophylaxis Treatment for STI Among CSW	Dr. Ilya Tac-an	2002-2003	CHO	GOP	Completed
	A Study on the Demographic & Clinical Profile of HIV/AIDS Patients in Cebu City	Ang, N.	1999-2000	CVGH		Completed
6.Dengue	A Study on Platelet Concentrate Transfusions Among Pediatric Patients (0-13 years old) Clinically diagnosed	Baclig, R. et al	1999-2000	CVGH		Completed

	with Dengue Hemorrhagic Fever at CVGH 1990-1995					
	Effectiveness of Temephos as Larvicidal in Dengue	Dr. Ma. Socorro Entera Mr. Joseph Tagle	2001-2003	DOH 7	GOP	Completed
	Clinical Profile of Dengue Fever/Dengue Hemorrhagic Fever Patients Admitted at VSMMC-Pediatric Department from September to October 2001	Dr. Wilma Bumayog	2000-2001			Completed
		Dr. Jacqueline Deen	2001	VSMMC		Completed
	Morbidity & Mortality Risk Factors of Dengue Hemorrhagic Fever Among Pediatric Patients in VSMMC from September 1- October 31, 2001	Dr. Wilfredo Tente Dublin	2001	VSMMC		Completed
	The Clinical Profile of Adolescents and Adults with Dengue Virus Infection in Cebu Doctors' Hospital	Dr. Cherie Gail Lumapas	2001	CDUH		Completed
	A Retrospective Study on the Use of Cryoprecipitate Transfusion in Preventing the Progression of Disease Severity or Bleeding in Patients with Dengue Hemorrhagic Fever-2 or Dengue Shock syndrome Admitted at CDH	Dr. Nathalie Ann Hernaez	2002	CDUH		Completed
	Correlation of Serum Albumin Level with Disease Severity in Patients with Dengue hemorrhagic Fever	Dr. Nickson Aniñon	2003	CDUH		Completed
7.Hepatitis	Incidence of Seroconversion to Hepatitis B & Hepatitis C Among Chronic Hemodialysis Patients at PSH-Renal Unit from May 1984-Oct. 2004	Dr. Marlowe Indo	2004	PSH		Completed
	The Incidence of hepatitis B & C Among Blood donors with Elevated Screening SGPT Levels Determined After 6 Months Outcome of patients with & without a Subhepatic Drain After Simple Open Cholecystectomy	Dr. Gerard Garcia Dr. Florema Sy Dr. Marc Onofre Galbo Dr. Laurence Liu		2003		Completed
8.Leprosy	High Risk and Transmission Study of Leprosy	Dr. Gertrude Chan	2001-2002	DOH 7	GOP	Completed
9.Measles	Measles: Its Complication, Documented: A 5-Year Retrospective Study in Perpetual Succour Hospital	Dr. Eraidia Pepito		PSH		Completed
	A Profile of Measles Patients Admitted in VSMMC from	Dr. Janette Aznar]		VSMMC		Completed

	Jan. 2002 to Dec. 31, 2002	Dr. Allan Monteclar				
	Measles in Previously Immunized Children Admitted at CDH	Dr. Ethel Joanne Olib	2002	CDUH		Completed
10. Nosocomial Infections	Most Common Etiologic Agents in Patients with Ventilator-Associated Pneumonia in Perpetual Succour Hospital	Dr. Leslie Adlaon Dr. Maita Rodriguez	2001	PSH		Completed
	Microbial Profile of Patients with Surgical Site Infection (SSI) A Five-Year Retrospective Study in a Tertiary Government Hospital	Dr. Permites	2004	CGGMH		Completed
	The Knowledge of the VSMMC Health Care Personnel on Infection Control measures Based on the National Nosocomial Infection Control guidelines	Dr. Jewel Fernandez Dr. Consuelo Malaga		VSMMC		Completed
	11. Pneumonia Risk-Stratification & Evaluation of CAP: Basis for Training & Treatment of inpatients	Dr. Norman De Asis		VSMMC		Completed
12. Meningitis	The incidence of Acute Bacterial Meningitis Among Pediatric Patients at VSMMC and their Hemophilus Influenza B Vaccination Status: A Retrospective Study	Dr. Mae de la Paz Ugalino		VSMMC		Completed
	The Validity of Computed Tomographic Scan of the Brain in Children with Bacterial Meningitis Admitted at CDH from Jan. 1992 to June 2000	Dr. Stanley Uy	2001	CDU+E97H		Completed
II. Non-Infectious Diseases						
1. Cardiovascular	Clinical Profile of Infective Endocarditis Among Pediatric Patients with Cardiac Malformations at PSH-CHI, A Preliminary Report	Dr. Geraldine Abendan		PSH		Completed
	Profile of Pediatric Patients with Congenital Heart Disease	Dr. Ma. Cristina Aban		PSH		Completed
	Clinical Outcome of Chronic Stable Angina Patients with One or Two Vessel Coronary Artery Disease by Coronary Angiography on Medical therapy at PSH-CHI	Dr. Jolye Mazo		PSH		Completed
	In-Hospital Management of Acute Myocardial Infarction in PSH-CHI	Dr. Leslie Adlaon Dr. Maita Rodriguez	1999-2001	PSH		Completed

	Posterior Circulation Stroke	Dr. Isagani de los Santos Dr. Ma. Cristina Lat Dr. Jose Navarro	2000-2001	VSMC		Completed
	A Profile of Rheumatic Heart Disease Cases Admitted at VSMC	Dr. Mary Jane Iran				Completed
	Clinical Profile of Post Cardiac Surgery Patients with Cerebrovascular Complications & Their Outcomes at PSH-CHI	Dr. Haidee Yadao	2001	PSH		Completed
	Clinical Outcome of Chronic Stable Angina Patients with One or Two Vessel Coronary Artery Disease by Coronary Angiography on Medical Therapy at PSH-CHI	Dr. Charles Tan	2002	PSH		Completed
	Echographic Features in Patients Presenting with Hypertensive Blood Pressure Response During Treadmill Exercise Test in PSH	Dr. Ma. RT Uriarte	2003	PSH		Completed
	The Incidence of Arrhythmias After Thrombolysis in Acute Myocardial Infarction Patients in PSH from Jan. 1, 2003-Sept. 30, 2005	Dr. William A. Co	2004	PSH		Completed
	The Trend of Physicians Approach in the Management of Acute Myocardial Infarction in VSMC Intensive Care Unit from Jan. 1, 2001-Dec 2003	Dr. Emmanuel Tangpuz	2004	VSMC		Completed
	The Profile of Patients Admitted with Pericardial Effusion in ICU of VSMC from Jan. 1, 1999 - Dec. 31, 2001	Dr. Ma. Elinor Ganas	1999-2001	VSMC		Completed
	Risk Factors for Ischemic Stroke	Dr. Manolito Go		CDUH	2001	Completed
	The Cost-Effectiveness of Obtaining a Serum Troponin I Together with Serum Creatinine Phosphokinase-MB (CPK-MB) in the Diagnosis of Acute Infarction in Cebu Doctors' Hospital	Dr. Apollo Sitoy	2001	CDUH	2001	Completed
	Review of Ischemic Stroke in CDH (A Five-Year Retrospective Study)	Dr. Manolito Go	2001	CDUH		Completed
	Accuracy of Stress Echocardiography in Coronary Artery Disease	Dr. Laarni de los Santos	2002	CDUH		Completed

	A Retrospective Study of the Treatment of Patients with Acute Myocardial Infarction in CDH	Dr. Gerard Ipil III	2002	CDUH		Completed
2.Carcinoma	An Epidemiologic Profile of Hepatocellular Carcinoma Patients Admitted to Seven Cebu City Hospitals from Jan. 1, 1996-Dec. 31, 1995	Auguis, B. et al	1999-2000	CVGH		Completed
	Survival Rate of Breast Cancer Patients Admitted at CVGH 1989-1995	De Deios, MA et al	2000-2001	CVGH		Completed
	A Descriptive Study on the Pharmacological Management of in Patients with Cancer Staged According to TNM System Admitted at CVGH from Jan. 2000 to Dec. 2001	Gallemoso, M. et al	2001-2002	CVGH		Completed
	Clinical Patterns of Cancer Admission in CVGH-PSH Consortium Patterns of Mammogram Utilization & Clinical Profile of Patients Who Underwent Mammography at CVGH	Dr. Adora Atilano		PSH		Completed
	A Survey of the Clinical Profile and Treatment Patterns of Breast Cancer Patients in Six Tertiary Hospitals in Cebu City	Dr. Donelito Cruz	2002	PSH		Completed
	Clinicopathologic Features of Colorectal Cancers of In-Patients Under 40 Years Old: A Multicenter Study	Dr. Erickson Ganas	2002	PSH		Completed
	The Use of Progesterone & Estrogen Receptors as Prognostic Factors in Breast Cancer Institute-PSH	Dr. Michele Vatanagul	2002	PSH		Completed
	The Accuracy of Peritoneal Fluid Sampling in the Detection of Microscopic Seedings in Ovarian Malignancy	Dr. Irmina Ruanto	2000-2001	VSMC		Completed
	The Beliefs & Practices of Women with Advanced Breast Cancer as Compared to Those with Early Stage Breast Cancer Seen in Three Urban Hospitals	Dr. Requerdo Bacilig	2000-2001	VSMC		Completed
	Sensitivity & Specificity of Barium Enema for Colonic Malignancy in Adult Patients with Palpable Abdominal Mass in a Government Medical Center (VSMC); An	Dr. Lucelito Pilapil	2000-2001	VSMC		Completed

	Ambispective Study				
	A Clinical Profile of Colorectal Carcinoma Patients Who Underwent Chemotherapy at Cancer Clinic of VSMMC from Jan. 200-Dec.2001	Dr. Norman De Asis	2001	VSMMC	Completed
	Five Year Recurrence Rate of Patients with Breast Cancer Stage II and III Given Adjuvant Therapy Post MRM at VSMMC	Dr. Edward Nasiad Dr. Manuel Legaspi	2000- 2001 2001	VSMMC	Completed
	Clinical Profile of Gastric CA Patients Admitted in VSMMC B203 from January 2000-May 2001	Dr. Jayson Sangkula	2001	VSMMC	Completed
	A 10 year Review of Primary Soft Tissue Sarcoma Treated at VSMMC	Dr. Adonis Latayan Dr. Rogelio Kangleon		VSMMC	Completed
	A Survey of the Clinical Profile and Treatment Patterns of Breast Cancer Patients in Six Tertiary Hospitals in Cebu City	Dr. Requerdo Baclig Dr. Stephen Singuan		VSMMC	Completed
	Cancer Risk Among the Hospital Support Division of VSMMC	Dr. Jeannelie Wamilda		VSMMC	Completed
	A Comparative Study Between Peritoneal Fluid Sampling and Peritoneal Brushing in the Detection of Microscopic Seeding in Ovarian Malignancy	Dr. Rhea Dedal		VSMMC	Completed
	Clinical Profile of Patients with Breast malignancy admitted in a Tertiary Government medical Center for the Year 2000-2001	Dr. Herbert Caluban	2000- 2001	VSMMC	Completed
	Clinical Profile and Clinico-Pathologic Comparison of Some Clinical Attributes of Primary Breast Cancer Admitted at an Urban Government medical Center in the Philippines	Dr. Jose Hofileña		VSMMC	Completed
	The incidence of Metastasis in Intra-Operatively Palpable Axillary Lymph Nodes	Dr. Don Rosello	2001	CDUH	Completed
	Predictive Values of Alkaline Serum Phosphatase in Detecting Liver Metastases in Breast Cancer Patients	Dr. Andrei Yu	2001	CDUH	Completed
	Primary Bronchogenic Carcinoma: Clinical Profile of 87 Cases from CDH	Dr. Apollo Sitoy	2001	CDUH	Completed
	The Unmasking of Hemoglobin A1c... Implication to Clinical Practice in the Management of Type 2 Diabetes	Dr. Cherie Gail Lumapas	2001	CDUH	Completed

	Mellitus					
3.Diabetes Mellitus	A 7-Year Review on the In Hospital Morbidity of DM Patients in CVGH	Asunto, A. et al	2000	CVGH		Completed
	A Study on the Prevalence of the Late Microvascular Complications of Diabetes mellitus in Patients in CVGH	Balili, E. et al	2000-2001	CVGH		Completed
	Clinical Profile of Diabetic Patients Who Developed Acute Myocardial Infarction in PSH-ICU	Dr. Maita Rodriguez	2001	PSH		Completed
	The Incidence of Documented Diabetes Mellitus Among Women Who Gave Birth to Infants Weighing 3,800 G and Above at VSMMC: A Retrospective Study from January-December 2000	Dr. Veronica Bagaipo	2000-2001	VSMMC		Completed
	Lipid Profile of Diabetes Mellitus Type 2 Patients at Diabetes Clinic at VSMMC from January 1996 - January 1999	Dr. Jeanelie Wamilda	2000-2001	VSMMC		Completed
	The Profile of Patients with Diabetes mellitus Type 1 E+B244nrolled at VSMMC OPD Diabetes Clinic from 1996-2000	Dr. Gaudencio Duenas, Jr.	2000-2001	VSMMC		Completed
	An Assessment of the Quality of Life of Patients with Diabetes Mellitus at VSMMC OPD-Diabetes Clinic	Dr. Gaudencio Duenas		VSMMC		Completed
	Primary Urothelial Bladder Cancers: Experience in a Tertiary Government Medical Center in Cebu	Dr. Emmanuel Barcenas		VSMMC		Completed
	Vitamin E Supplementation Improves Sensory Neuropathy in Type 2 Diabetes Mellitus - A Randomized Controlled-Single Blinded Study	Dr. Julienne Ereño	2001	CDUH		Completed
4.Blood	The Levels of Awareness & Attitudes of Students on Voluntary Blood Donations Clinical Profile of Children with Langerhans Cell Histiocytosis Admitted in 5 Private Hospitals in Cebu City: A 15 Year Retrospective Study	Gigataras, RM. Et al	1999-2000	CVGH		Completed
		Dr. Elisa de Guzman		PSH		Completed
	Retrospective Study of Patients with Childhood Leukemia Admitted at VSMMC	Dr. Julius Cesar Santiago	2000-2001	VSMMC		Completed

		Dr. Allan Monteclar				
	Neutrophil Ratio (1:T) More than 0.16 & Direct Hyperbilirubinemia More than 2 mg% in Newborns with Sepsis Admitted at CDH	Dr. Ridzma Samsuya	2002	CDUH		Completed
5.Renal	Risk Factors for mortality Among Patients With End-Stage Renal on Maintenance Hemodialysis in PSH-Renal Unit	Dr. Alileh L. Abella	2002	PSH		Completed
	A Profile of Patients with Chronic Renal Failure Treated with Peritoneal Dialysis at the Peritoneal Dialysis Unit of VSMMC from 1996-2000	Dr. Lyndon Laude	2000-2001	VSMMC		Completed
	Factors Predicting Probability of Response to Intervention in Patients with Urolithiasis with Renal Insufficiency/Failure	Dr. Emmanuel Barcenas		VSMMC		Completed
	Clinicodemographic profile of pediatric Patients Admitted with Nephrotic Syndrome at VSMMC	Dr. Jean Aster Zeta		VSMMC		Completed
	The Prevalence of Peritonitis in Patients on Continuous Ambulatory Peritoneal Dialysis: The CDH Experience	Dr. Ma. Victoria Lucas	2001	CDUH		Completed
	Review of Well-differentiated Thyroid Adenoma at CDH: A Five-Year Retrospective Study	Dr. Ma. Sheila Katigbak	2001	CDUH		Completed
6.Degenerative Diseases	An Epidemiology of Rheumatoid Arthritis in Six Major Hospitals in Cebu City for the Period 1994-1998	Paloma, CC. Et al	1999-2000	CVGH		Completed
	The Admission Rate of Rheumatoid Arthritis in Four Tertiary Private Hospitals from May 1995-May 2000	Bollos, FL et al	2000-2001	CVGH		Completed
	Assessment of Osteoporosis Risk Factors Using Dual Energy X-Ray Absorptiometry (DEXA) in Cebu Doctors' Hospital	Dr. Nelson Chu	2001	CDUH		Completed
	The Risk Profiles of Osteoporosis Manifesting as Vertebral Fractures at CDH	Dr. Juliene Ereño	2001	CDUH		Completed
	Osteoporotic Waist & Hip Fracture : Are We Doing the Right Thing?	Dr. Michael Patrick Roa	2002	CDUH		Completed
	The Accuracy of Osteoporosis Screening Tool for	Dr. Marc Onofre Galbo	2002	CDUH		Completed

	Aseans (OSTA) in Assessing the Risk of Osteoporosis Among+B282 Postmenopausal Filipino Women in CDH					
7.Hepato-Biliary	Clinical Profile of Patients Who Underwent Small Incision for Cholecystectomy	Dr. Donelito Cruz	2004	PSH		Completed
	Audit of Ultrasound in Cholelithiasis	Dr. Efren Villahermosa Dr. Roque Paradela	2000-2001	VSMC		Completed
	Review of Biliary Ascariasis	Dr. Don Rosello	2001	CDUH		Completed
	Simple Open CholecystEctomy With & Without Subhepatic Drainage: A Prospective Study	Dr. Sean Patrick Almendras	2003	CDUH		Completed
8.CNS	Incidence and Risk Factors for Hemorrhagic Conversion of Large (Middle Cerebral Artery) Ischemic Stroke in Patients Admitted at PSH from Jan. 1, 2000 - Jul 31, 2003	Dr. Arnold John Unson	2003-2004	PSH		Completed
	The Profile of Pediatric Patients with Epilepsy Enrolled at Seizure Clinic of VSMC: A Prospective Study from 1997-2000	Dr, Nelma Magpusao Dr. Victoria Bael	2000-2001	VSMC		Completed
	A Review of the Perinatal Risk Factors in Neonates with Hypoxic Ischemic Encephalopathy	Dr. Zoraida Yurango	2002	CDUH		Completed
9.Trauma	Clinical Profile of Pediatric Head Trauma Cases Undergoing Cranial Computed Tomography Imaging	Dr. Alberto Solis, Jr.	VSMC	PSH		Completed
	A Demographic & Clinical Profile of Children 0-10 Year Old Admitted for Injuries in CCMC & CVGH from Jan. 1997-Dec. 1999	Basilla, S. et al	2000-2001	CVGH		Completed
	A Descriptive Study of the Head Trauma Cases Related to Motor Vehicular Accidents in VSMC from Jan. 1998-Dec. 1998	Abejuela, M. et al	1999-2000	CVGH		Completed
	A 5-Year (1994-1999) Retrospective Study of Firework-Related Injuries Within the Period Of Dec. 20 to Jan. 5 in 7 Tertiary Hospitals in Cebu City	Cenabre, R. et al	1998-1999	CVGH		Completed
	Neurologic Trauma Seen at VSMC from January 1997 - Dec. 99	Dr. Rosali Ray Atup	2000-2001	VSMC		Completed

		Dr. Jose Rizalito Catipay				
	Predictive Value of Injury Scale Scoring on Mortality & Morbidity on Patients with Penetrating Abdominal Injury	Dr. Adonis Latayan	2000-2001	VSMC		Completed
	Clinical Profile of Patients with Severe Abdominal Injuries Who Underwent "Damage Control Surgery"	Dr. Lyndon Villegas	2000-2001	VSMC		Completed
	A Comparative Clinical Profile of Patients Sustaining Abdominal Trauma Between Those Who Were Brought to O.R. and Those Who Had Delayed Surgery in a Tertiary government Hospital	Dr. Rizami Riconalla	2000-2001	VSMC		Completed
	Review of Pancreatic Injury at a Government Tertiary Hospital	Dr. John Mark Arkayera Dr. Roque Paradela	2000-2001	VSMC		Completed
	One Year Breast Output in a Tertiary Government Hospital	Dr. Kerwin Yap Dr. Benjamin Rodrigo Go	2001	VSMC		Completed
	The Profile & Severity of Suicide Intent in Patients Seen at VSMC from Jan. - Dec. 2001					
	Profile of Blunt Abdominal Trauma Patients Admitted to a Tertiary Government Hospital	Dr. Kerwin Yap		VSMC		Completed
	Clinical Profile of Pediatric Trauma in a Tertiary Government Trauma Center	Dr. Arnold Laurito Dr. Rene Rafols		VSMC		Completed
	The Epidemiology of Ocular Trauma in VSMC: A Perspective from the Emergency Services of VSMC from Jan. - Dec. 2002	Dr. Donovan Jabines	2002	VSMC		Completed
10.Metabolic	Thalamic Hypertensive Hemorrhage in a Tertiary Government Hospital	Dr. Donald Co	2000-2001	VSMC		Completed
	Clinical Profile of Patients with Grave's Disease After Radioactive B414Iodine Therapy... A CDH Experience	Dr. German Mayo, Jr.	2001	CDUH		Completed
	The Level of Thyroid Stimulating Hormone Among Preoperative Patients With and Thyroid Carcinoma	Dr. Ana Lourdes Tancawan	2002	CDUH		Completed

	Dosage Assessment of Thyroid Hormone Replacement Among Filipinos with hypothyroidism Post-Radio Active Iodine Ablation or Post-Total Thyroidectomy	Dr. Scleira Manansala Dr. Ma Rica Cabatingan Dr. Evangeline Costelo Dr. Gerry Tan	2003	CDUH		Completed
	The Accuracy of Thyroid Sonographic Studies of Patients at CDH	Dr. Sean Patrick Almendras	2003	CDUH		Completed
	The Influence of Thyrostatic Medications on the Success Rate of Radioactive Iodine Treatment in Graves' Disease: CDH Experience	Dr. Charlie Avila Dr. Anecito mantilla Dr. Yvette Mondano	2004	CDUH		Completed
	Postoperative hypocalcemia in Patients who Underwent Total Thyroidectomy; A Retrospective Study	Dr. Pimbaya Pangilan, Jr.	2004	CDUH		Completed
11.Gastrointestinal	The Profile of Patients Admitted for Upper GI Bleeding at VSMMC from Jan. 1, 2001 to Dec. 31, 2001 Infectious Ward from Jan. 2002-Dec. 2003	Dr. Rey Arcenas	2001	VSMC		Completed
	The Relationship Between Antibiotic Therapy and the Course of Acute Enteropathogenic Escherichia coli Diarrhea in Patients Admitted at CDH from Jan. 1998 to October 2000	Dr. Ma. Christina Sarte	2001	CDUH		Completed
	Prevalence Rate of Intestinal Parasitism and its Associated Risk Factors Among Public Elementary School Students of Medillin, Cebu	Dr. Nathalie Ann Hernaez	2002	CDUH		Completed
	Safety Profile of Diagnostic Esophagogastroduodenoscopy Based on Oxygen Saturation & Pulse Rate Changes at Various Phases Among Patients who Underwent Esophagogastroduodenoscopy	Dr. Chona Tagayuna	2002	CDUH		Completed
	Arterial Oxygen Saturation & Pulse Rate at Different Anatomical Landmarks During & After Colonoscopy	Dr. Lowell Amoguis	2002	CDUH		Completed
	A Comparison of the Positivity of Rapid Urease Test in Patients Undergoing Biopsy of the Antrum & Body Versus Biopsy of the Antrum Only	Dr. Glenard Neis	2002	CDUH		Completed

	Rediscovering Amoebiasis	Dr. Virnil Revelo	2002	CDUH		Completed
	Safety & Clinical Profile of Outpatient Nonimaging-guided Percutaneous Needle Liver Biopsy: The CDH Experience	Dr. Lamberto Garcia, Jr. Dr. Lamberto Garcia, Sr. Dr. Judy Lao-Tan	2003	CDUH		Completed
11.Surgical	Effects of Topical Betamethasone Valeate (Betnovate) Cream	Dr. Robert Cajes	2003	CDUH		Completed
	A Comparative Study of the Effectiveness of the Oral Sodium Phosphate (Fleet Phospho-Soda) Versus Besacodyl in Bowel Cleansing Prior to Colonoscopy	Dr. Lamberto Garcia, Jr. Dr. Ruben Arcilla Dr. Gerardo Ypil III Dr. Lamberto Garcia, Sr. Dr. Judy Tan Dr. Imelda Acusar Dr. Leslee Ong Dr. Enjelg Abriel	2004	CDUH		Completed
III.Dental						
	Oral Health Survey	Dr. Expedito Medalla Dr. Neceretal Delica	2001-2003	DOH 7		Completed
IV.Environmental						
	Sanitary Toilet Survey	Dr. R. M. Benabaye Dr. E. Teleron Dr. C. Tabarejo	2003	DOH 7		Completed
V.Family Health & Health of Special Concerns						
1.Reproductive Health	The Risk Factors of Pregnancy-Induced Hypertension (PIH) Among 56 Women	Bejar, DAK et al	1999-2000	CVGH		Completed Completed
	A Study on the Social And Behavioral Factors Influencing Teenage Pregnancy Using Teenage Pregnant Teenagers Versus Non-pregnant Teenagers in Pakna-an, Mandaue City	Correa, R. et al	1999-2000	CVGH		Completed
	The Knowledge of Female Teachers of Exclusive Girls	PBL III Students	2003-2004	CIM		Completed

High School in Cebu City on Breast Self-Examination (SBE)					
A Study on the Knowledge & Practices of Parous Women in Barangay Sambag I Regarding Prenatal Care	PBL III Students	2003-2004	CIM		Completed
Patterns of Mammogram Utilization & Clinical Profile of Patients who Underwent Mammography at CVGH	Dr. Adora Atilano		PSH		Completed
Relationship Between the 3 Most common Perinatal risk Factors and Incidence of Neonatal Sepsis	Dr. Frank F. Jacinto		PSH		Completed
Intraoperative Findings in Patients who Underwent Cure for Missed Abortion & Bilgthed Ovum in VSMMC from May 1999 - April 2000	Dr. Helen Retuta	2000-2001	VSMMC		Completed
A Retrospective Study on the Accuracy of Admission Test in Predicting intrauterine Fetal Asphyxia	Dr. Nimfa Lisondra	200-20001	VSMMC		Completed
A Retrospective Study of the Effects of Antenatal Steroid on Neonatal Outcome	Dr. Hazel Grengia	2000-2001	VSMMC		Completed
The Profile of Oligohydramnios Patients Admitted at VSMMC OB Section from January 2000-October 2001	Dr. Fulgencia Rhea Dedal	2000-2001	VSMMC		Completed
A Survey on the Knowledge, Attitude, & Practices on Breast Self Examination (BSE) Among Female Employees at a Tertiary Government Hospital	Dr. Stanley Caminero Dr. Stephen Siguan	2000-2001	VSMMC		Completed
Correlation Between Maternal Anemia and Placental/Birth Weight Among Term Pregnant patients at VSMMC	Dr. Irmina Ruanto	2000-2001	VSMMC		Completed
Maternal Height as a Correlate of Cesarean Section	Dr. Melissa Dublin	2000-2001	VSMMC		Completed
A Comparison of the Bishop Score and the Lange Cervical Score for Predicting the Success and/or Failure of Labor Induction	Dr. Helen Retuta		VSMMC		Completed
Correlation Between Vital Signs and Hemoperitoneum in Ruptured Ectopic Pregnancy	Dr. Nimfa Lisondra		VSMMC		Completed
A Prospective Study on Antenatal Steroid in Decreasing	Dr. Hazel Grengia		VSMMC		Completed

Neonatal Mortality					
A Prospective Study on Abnormal Fetal Heart Rate Tracing Patterns During the First Stage of Labor: Effect of Perinatal Outcome	Dr. Nimfa Lisondra		VSMC		Completed
A Comparison Between the Risks of Vaginal Birth After Cesarean Section and a Repeat Cesarean Section: A Retrospective Study from Jan. 2002-September 2002	Dr. Jojie Padilla	2003	VSMC		Completed
Incidence of Induced Abortion at the Department of Obstetrics & Gynecology, VSMC	Dr. Ma. Carla Yvonne Mate		VSMC		Completed
Loading Dose Versus Standard Regimen of Magnesium Sulfate in the Management of Eclampsia	Dr. Jojie Padilla		VSMC		Completed
Profile of healthy Parturients & Preeclamptic Patients Who Underwent Cesarean Given Spinal Anesthesia at VSMC from Jan. 2003-Dec. 2003	Dr. Winston Bernard Abrena	2003	VSMC		Completed
The Incidence of Urinary Tract Infection in Uncomplicated Pregnancies and its Maternal & Neonatal Sequelae in VSMC from Jan. 2003-Dec. 2003: A Retrospective Study	Dr. Rizalie Jaranilla	2003	VSMC		Completed
A Retrospective Study on the Perinatal Outcome of Full Term Babies in Breech Presentation Delivered Vaginally from Sept. 2001 - Dec. 31, 2003 in VSMC	Dr. Donnabel Tubio	2001-2003	VSMC		Completed
Clinical Profile of Female Patients who consulted at the Breast Center of VSMC from April 2001-March 2003	Dr. Herbert Caluban	2001-2003	VSMC		Completed
Blood Culture Results of Newborns to Mothers with Ruptured Amniotic Fluid Membrane of Different Durations	Dr. Stanley Uy	2001	CDUH		Completed
Predictive Value of Umbilical Cord Blood pH in Correlation to the Apgar Score on the Development of Hypoxic Ischemic Encephalopathy	Dr. Ma. Christina Sarte	2001	CDUH		Completed
The Prevalence of Chlamydia Trachomatis Infection and its Associated Pregnancy and Neonatal Outcome Among	Dr. Grace Saguban	2001	CDUH		Completed

	Asymptomatic Pregnant Women At CDH					
	A Randomized Double-Blind, Controlled Clinical Trial of Erythromycin Treatment for H. Pylori Infection on Out-patient Women with Nausea and Vomiting of Pregnancy	Dr. Pherdes Galbo	2001	CDUH		Completed
	The Value of Vaginal Washing Qualitative beta Human Chorionic Gonadotropin in Determining Premature Rupture of Membranes	Dr. Mary Girli Vistan	2001	CDUH		Completed
	Maternal Mortality in Cebu City A Five-Year Study (1995-99)	Dr. Lorna Diorico	2001	CDUH		Completed
	A Review of the Perinatal Risk Factors in Neonates with B49Hypoxic Ischemic Encephalopathy Admitted at CDH from Jan. 1998 to September 2000	Dr. Zoraida Yurango	2001	CDUH		Completed
	The Practice Pattern Regarding Episiotomy in CDH	Dr. Geneveve Logarta	2002	CDUH		Completed
	Prevalence of Anemia in Term Pregnancy at CDH	Dr. Iris Ruiz	2002	CDUH		Completed
	Vaginal Misoprostol for the Management of Intrauterine Fetal Death Delivery, A Comparison of Different Dosages & Frequency	Dr. Geneveve Cortez	2003	CDUH		Completed
	The Effect of Water Soluble Gel Lubricant on PAP Smear Interpretation Among Pregnant Patients	Dr. Iris Sarona Dr. Raymond Sulay	2003	CDUH		Completed
	The Operative Complications of Blunt Versus Sharp Expansion of the Uterine Incision in Low Segment Transverse Cesarean Section	Dr. Rosario Aniñon				
2.Domestic Violence	A Descriptive Study on the Personal Profile of Battered Women Reported in Lihok Pilipina Foundation, Inc., Cebu City and Substitute Homecare for Women, Cebu City from January to December 1998	Guia, N. et al	1999-2000	CVGH		Completed
	Knowledge and Attitude of Medical Students of CIM Regarding the Abuse of Women & Children	Betco, K. et al	2000-2001	CVGH		Completed
3.Child Abuse	The Demographic & Personality Profile of Female Abused Children in Cebu Hope Center, Banilad, Cebu City	Merin, MA. et al	1999-2000	CVGH		Completed
	Knowledge and Attitude of medical Students of the CIM	Betco, K. et al	2000-2001	CVGH		Completed

	Regarding the Abuse of Women & Children				
	The Demographic Profile of Abused Children and their Offenders in VSMMC, Cebu City from 1997-1999	Berame, R. et al	2000-2001	CVGH	Completed
	A Retrospective Study of Child Abuse Cases Seen at VSMMC - WCPU from January 1998-December 1999	Dr. Wilfredo Tente Dublin Dr. Allan Monteclar	2000-2001	VSMMC	Completed
4.Childhood Disturbance	A Comparative Study on the Behavioral Disturbances in Children of Single Parents Versus Children of Intact Couples Residing in Cebu City	Auguis, B. et al	1999-2000	CVGH	Completed
5.Infant Feeding	The Relationship Between Mixed Feeding and Bottlefeeding on Infection	Dr. Roselle Sumergido		PSH	Completed
	Factors Associated with the Discontinuation of Breast-feeding Among Mothers from the CDH Privilege Mothers' Program	Dr. Ma. Editha Espedilla	2004	CDUH	Completed
	Dropper Feeding Versus Cup Feeding Prior to Commencement of Breastfeeding Among Healthy Term Neonates in CDH-NICU from September 5, 2004 - October 5, 2004	Dr. Norman Babar	2004	CDUH	Completed
6.Pediatrics	Admission Test: A Screening Test for Fetal Outcome A Retrospective Study of Severely Malnourished Patients Admitted in VSMMC from July 1998 - July 2001	Dr. Gardenia Larrazabal	1999	CDUH	Completed
		Dr. Elvie Aquino Dr. Patricia Angos	2000-2001	VSMMC	Completed
	Risk Factors Predicting Mortality of Severely Malnourished Patients Admitted at VSMMC Nov. 2001- Oct. 2002	Dr. Evelyn Austria	2001-2002	VSMMC	Completed
	Knowledge, Attitudes and Practices of Pediatricians Toward Newborn Screening Program	Dr. Ridzma Samsuya	2002	CDUH	Completed
	Immunization Status of Children Living in Selected Orphanages in Cebu City	Dr. Ethel Joanne Olib Dr. Elaine Rafols	2002	CDUH	Completed
	Efficacy of Prophylactic Intravenous Immunoglobulins (IVIg) Given to Preterm Infant in CDH - NICU	Dr. Nickson Aniñon	2003	CDUH	Completed
	The Clinical Profile & Management of Pediatric Patients	Dr. Hazel Reyes	2003	CDUH	Completed

	with Acute Immune Thrombocytopenic Purpura Admitted to CDH from January 1995-December 2000				
	A Five-Year Review of Kawasaki Disease: The CDH Experience	Dr. Chona Layos	2003	CDUH	Completed
	Profile of Critically Ill Patients Admitted at CDH-Pediatric Intensive Care Unit from May 2001-May 2003	Dr. Elma Dueñas	2003	CDUH	Completed
	Attitudes, Barriers, Skills & Training Needs Among Pediatricians in CDH in the Management of Child & Adolescent Obesity	Dr. Jemma Masillones	2004	CDUH	Completed
	Clinical Profile of Preterm Infants born in CDUH from 1995-2000: A Retrospective Study	Dr. Ma. Editha Espedilla	2004	CDUH	Completed
	A Retrospective Study on the Imaging Evaluation (CT Scan & Skull X-Ray in Acute Mild to Moderate Head Injury in Pediatric Patients Admitted in CDH from January to May 2003	Dr. Norma Babar	2004	CDUH	Completed
	Echocardiographic Findings of Pediatric Patients with Rheumatic Heart Disease Admitted at CDH from 1998-2003	Dr. James Winford Gelaga	2004	CDUH	Completed
	Complications Associated with Exchange Transfusion in Newborns & its Sequelae: A 3- Year Retrospective Study	Dr. Jemma Masillones	2004	CDUH	Completed
	The Predictive Value of Mammographic Studies of Patients at CDH	Dr. Sean P. Almendras	2004	CDUH	Completed
7.Substance Abuse	The Profile of Patients Clinically Diagnosed with Substance Induced Psychotic Disorder Admitted at VSMMC from 1996-2000	Dr. Benjamin Go	2000-2001	VSMMC	Completed
		Dr. Augustos Costas			
	The Knowledge of the VSMMC Medical Staff on Metamphetamines - Its Nature, Complications & Clinical Manifestations	Dr. Robert Capatoy	2001	VSMMC	Completed
8.EENT	Clinical Profile of Patients with Foreign Body of the Esophagus Admitted at VSMMC from January 1998 - December 2000	Dr. Nilson Gelbolingo	2000-2001	VSMMC	Completed

	Comparative Study Between Needle Aspiration & Incision & Drainage in the Management of Peritonsillar Abscess	Dr. Nilson Gelbolingo		VSMC		Completed
	Hearing Assessment Test in Visaya for Primary Ear Care	Dr. Mervin Varona		VSMC		Completed
	Pediatric ENT Foreign Body: A Psychological Perspective	Dr. Simon John Flores		VSMC		Completed
	A Study on the Effectiveness of Eyelite 532 Laser in Producing Iridotomy in VSMC Patient's Irises with Primary Block Glaucoma	Dr. Jerry Manongas	2000-2001	VSMC		Completed
	Visual Outcome After Treatment of Acute Postoperative Endophthalmitis: A 10-Year Survey: CDH Experience	Dr. Sandra Villamor	2001	CDUH		Completed
VI. Emergency Medicine						
	The Knowledge & Attitude of Cebu City Police Personnel in Performing Cardiopulmonary Resuscitation	Escasinas, E. et al	1999-2000	CVGH		Completed
	Knowledge, Attitude & Practices of Grade School Teachers in Private Schools Regarding Basic Life Support in Pediatrics			CVGH		Completed
	Outcome of Adult Patients Who Underwent Cardiopulmonary Resuscitation at the Emergency Room of VSMC	Dr. Rowena Engage Dr. Grace Melchor		VSMC		Completed
VII. Health Financing						
1.HMO	A Comparison of the Profile & Management of Patients with HMO Against Patients Without HMO Operated on for Acute Appendicitis at CVGH (1995-2000)	Garcia, E. et al	2000	CVGH		Completed
VIII. Human Equity						
	The Distribution of Cebu-Based Cebu Institute of Medicine Graduates of 1970-1995 in the Different Fields of Specialization	Loyola, M. et al	2001-2002	CVGH		Completed
IX. Others						
1.Analgesics\ Anesthesia	A Survey of Most Commonly Used Post-op Analgesics by Surgeons for Elective Cases in CVGH & PSH	Dr. MT Malazarte	2002	PSH		Completed
	A Descriptive Study on the Pharmacological	Gallemaso, M. et al	2001-2002	CVGH		Completed

Management of Pain in Patients with Cancer Staged According to TNM System Admitted at CVGH from Jan. 2000 to Dec. 2001					
The Most Commonly Used Anesthetic Agents & Anesthesia Technique in Pediatric Patients at VSMMC OPD-OR	Dr. Lyndon Borbon Dr. Cesar William Ortiz	2000-2001	VSMMC		Completed
Analysis of Failed Spinal Anesthesia at VSMMC from 1996 - 2000	Dr. Christopher Codoy Dr. Serapio Salazar	2000-2001	VSMMC		Completed
A Retrospective Comparative Study on the Effectiveness of Tramadol Versus Tramadol & Ketoprofen in the Management of Post-op Pain	Dr. Rodolfo Florendo Dr. Gaudelia Reyes	2000-2001	VSMMC		Completed
Ketamine Sedation for the Reduction of Children Fractures in VSMMC Emergency Department	Dr. Zyrkxis Macatol	2000-2001	VSMMC		Completed
Effect of Epidural Analgesia on the Active Phase of Labor Among Nulliparas at VSMMC	Dr. Carlos Ray Sanchez	2000-2001	VSMMC		Completed
The Depth of the Quinke-Point Spinal Needle in Spinal Anesthesia Using the Subarachnoid Block on Filipino Patients Undergoing Elective Surgery	Dr. Arne De la Calzada Dr. Teodoro Seclon		VSMMC		Completed
A Comparative Study: Spinal & Epidural Anesthesia in Pre-eclamptic Patients Undergoing Cesarean Operations at VSMMC	Dr. Aldrin Ibbo		VSMMC		Completed
The Most Commonly Used Post-operative Analgesic for Pediatric Patients at VSMMC Operating Room from Jan. 2002-Dec. 2002	Dr. Jonas Benjamin Sepulvida Dr. Cesar William Ortiz	2002	VSMMC		Completed
Intraoperative Nausea & Vomiting During Spinal Anesthesia for Patients Who Underwent Cesarean Section at VSMMC OR from Jan 2002-Dec. 2002	Dr. AileenAnne Acosta Dr. Cesar William Ortiz	2002	VSMMC		Completed
The Most Commonly Identified Side Effects of Tramadol	Dr. Dorothy J. Cabao-		VSMMC		Completed

	for Young Adult Patients 14-18 Years Old Who Undergone Appendectomy at VSMMC Post Anesthesia Care Unit from Jan. - Dec. 2002	an				
	The Effect of Epidural Analgesia Versus Intramuscular Meperidine Analgesia in Normal Labor	Dr. Richard Sia	2001	VSMMC		Completed
	Comparative Analgesis Enhancement of Morphine and Fentanyl to Bupivacaine for Cesarean Delivery: A Prospective Randomized Study at CDH	Dr. Panfilo Tremedal	2001	VSMMC		Completed
	Midazolam & Nalbuphine Versus Midazolam Alone in Sedation & Analgesia Among Selected Patients During Colonoscopy in CDH	Dr. Joseph S. Ygnacio	2002	VSMMC		Completed
	Is Neonatal Apgar Score Affected by Intravenous Midazolam Sedation to Cesarean Parturients Prior to Infant Delivery? A Three Year Study	Dr. Emmeline Gemma Almendras	2003	VSMMC		Completed
2.Antimicrobials	The Use of Antimicrobial Prophylaxis in their Outcome in Clean-Contaminated Surgical Procedures in CVGH-PSH Consortium	Dr. Nelson Capoy		PSH		Completed
	The Minimum Inhibitory concentrations of Anti-Pseudomonas Set of Antibiotics are Higher for Wild Strains of Pseudomonas Aeruginosa Obtained from Patients Admitted at CVGH from Oct. 2003-Feb. 2004 than for Pseudomonas Aeruginosa ATCC 27853	PBL II Students				Completed
	An Analysis of Antimicrobial Sensitivity Patterns of Organisms Isolated from Blood Cultures at CDH	Dr. German Mayo Jr.				Completed
3.BMI	The Body Mass Index (BMI) of Cebu City School Children Ages 6-12 Years Old	Dr. Edward Chua		PSH		Completed
4.Death/Dying	Comparison of the Perceptions of VSMMC Resident Physicians, Post Graduate Interns and Interns on Death and Dying	Dr. Angele Calumpiano	2000-2001	VSMMC		Completed
5.Congenital	Congenital Hemimilia: Comparison of Outcome of	Dr. Cyrus-Blaine	2001	VSMMC		Completed

Anomalies	Revision of Stump Alone & the Use of Fibular Head	Villamor				
6.Autoimmune	Antinuclear Antibodies and its Clinical Association with Systemic Lupus Erythematosus in CDH	Dr. Nelson Chu	2001			Completed
7.Asthma	Bronchodialtor Therapy with Metered Dose Inhaler (MDI) with Spacer Versus Nebulizer Among Adults with Mild to Moderate Acute Asthma in CDH Emergency Room	Dr. Karen Ferrera Dr. Louella Quijano Dr. Leon James Young	2003			Completed
X. Health Care & Delivery						
	Survey on the Knowledge, Attitudes & Practices of Healthcare Givers of Chong Hua Hospital on Basic Life Support		1999-2000	CVGH		Completed
	A Study on the Knowledge & Reported Practices of Caregivers on the Use of Oral Rehydration Salts (ORS) Solution Among the Underfives at Home	Bisnar, B. et al	199-2000	CVGH		Completed
	The Level of Satisfaction of primary caregivers of Children Under 5 years old from Bugnay I and II, Labangon, Cebu City with the Provision of health Care Provider (HCP) Using the Structural Process Outcome Measures of Quality	Canela, C. et al	2000-2001	CVGH		Completed
	Assessment of the Performance of RHUs and CHOs in the Philippines	Dr. Asuncion Anden R & D Coordinators	2001-2003	DOH 7		Completed
	Needs Analysis for DOH Representatives Competency	Mrs. Reglita Laput	2000	DOH 7		Completed
	Analysis for Regional and Hospital Staff and DOH Reps	Mrs. Angelina Aniceto	2000-2001	DOH 7		Completed
	Quality Assurance for Sputum Smear Microscopy Manual	Ms. Lucy Aguiman Dr. Cristina Giango	2003-2004	DOH 7		Completed
	Stat Turn Around Time of the VSMMC Clinical Laboratory	Dr. Roxematie Clarit	2000-2001	VSMMC		Completed
	Assessment of the Level of Burden of Care and its	Dr. Shane Dirilo	2000-2001	VSMMC		Completed

	Correlates as Perceived by Caregivers of COPD Patients	Dr. Cecilia Bernad				
	A Survey of the Level of Satisfaction of Patients Consulting at Out-Patient Department of VSMMC	Dr. Joselito Te Dr. Grace Melchor	2000-2001	VSMMC		Completed
	Knowledge, Attitude and Practices of VSMMC Medical Physicians on Traditional and Alternative Medicine	Dr. Adam K. Mesola Dr. Grace Melchor		VSMMC		Completed
	Commercially Processed Drinking Water, A Safe Alternative for Parenteral Distilled Water as Irrigation for Transurethral Resection of the Prostate	Dr. Rosali Ray Atup		VSMMC		Completed
	A Comparison of Imprint Cytology and Frozen Section Histology in the Intra-operative Evaluation of Surgical Specimen at VSMMC	Dr. Theodoro Zamora		VSMMC		Completed
	The Reliability of Utilizing Barangay Health Workers in Administering the Denver II Test	Dr. Zoraida Yurangco	2001	CDUH		Completed
	The Level of Immunization Practices of midwives Working in Health Centers in Cebu City	Dr. Ethel Joanne Olib	2002	CDUH		Completed
	Reported Practices of the Department of Pediatrics Active Staff in CDH on Preoperative Evaluation of Children for Surgery	Dr. Bernard Cepeda	2002	CDUH		Completed
	Patient Satisfaction with the Medical Physician of the Department of Medicine at the OPD of CDH	Dr. John Borgaily	2002	CDUH		Completed
	A Randomized Controlled Trial on the Efficacy of Alcohol-Based Hand Sanitizers in CDH - NICU	Dr. Elma Dueñas	2003	CDUH		Completed
XI. Health Regulation						
	A Descriptive Study on the Practice of Prescribing Anti-Peptic Ulcer Disease (PUD) Medication as Prophylaxis on Patients Subjected to Non Per Orem (NPO) Admitted at CVGH from Jan. 1, 1999 to Dec. 31, 1999	Abuda, H. et al	2000-2001	CVGH		Completed
	Baseline Survey on the Prescribing Habits & Patients' Quality of Care of Urban Physicians of Cebu City and Mandaue City Health Office	Dr. Jocelyn Abellana	2001-2002	DOH 7		Completed
	Household Survey of Utilization of Iodized Salt	Dr. R. M. Benabaye	2003	DOH 7		Completed

Dr. S. Madarietta
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XII. Herbal Medicine/Alternative Medicine

The Anti-inflammatory Effect of 100, 75 and 50% Aloe Vera Extract on Induced Trauma on Albino Mice	Equipado, E. et al.	2000	CDU	Completed
The Anti-inflammatory Effect of 100% Basella Alba (Alugbati) Leaf Extract on Carageenan-induced Inflammation on Paws of Albino Mice	Valleser, R. et al	2000	CDU	Completed
The Ani-inflammatory Effects of Morinda Citrifolia (Noni) Fruit Juice in Carageenan Induced Inflammation in the Paw of Albino Mice	Arguelles, C. et al.	2000	CDU	Completed
The Effect of 100% Ipomea Betatas (Camote) Leaf Extract on the Blood Glucose Level of Mus Musculus (Albino Rat)	Elises, G. et al.	2000	CDU	Completed
The Effect of 100% Noni (<i>Morinda citifolia</i>) Juice on the Blood Glucose Level of Dexrose-induced Hyperglycemic Male Rabbits	Arcaya, A. et al	2000	CDU	Completed
The Hypoglycemic Effect of 50% String Bean (<i>Vigna sesquipedalis</i>) Pod Extract on the Blood Glucose Level of Alloxan-Induced Hyperglycemic Rabbits	Pardo, F. et al	2000	CDU	Completed
The Effect of 100% Banaba Leaf Extract (<i>Lagerstroemia speciosa</i>) on the Intestinal Motility of Albino Mice	Abinales, B. et al	2000	CDU	Completed
The Effect of 50% and 100% Concentration of <i>Morinda citrifolia</i> (Noni) Fruit Extract on the Motility of Albino Mice	Cabrera, R. et al	2000	CDU	Completed
The Inhibitory Effect of Capsicum Minimum (Chili Peppers) on the Intestinal Motility of Mus Musculus (Albino Mice)	Arcaya, A. et al	2000	CDU	Completed
Anti-inflammatory Effect of 100% Ananas Camosus (Pinya) Leaf Extract on Artificially Induced Traumatized Paw of Albino Mice	Salas, A. et al	2001	CDU	Completed
The Anti-inflammatory Effect of 100% Coleus Blumei Benth (Mayana) Leaf Extract on Artificially Induced	Kuizon, C. et al	2002	CDU	Completed

	Inflammation on the Paw of Albino Mice					
	The Anti-inflammatory Effect of 100% <i>Hibiscus Rosa sinensis</i> (Red Gumamela) Flower Extract on Carageenan-induced Trauma on the Paw of Albino Mice	Hamoy, F. et al	2002	CDU		Completed
	The Anti-inflammatory Effect of 100% <i>Wedelia Biflora</i> (Hagonoy) Leaf Extract on Carageenan-induced Inflammation on the Paw of Albino Mice	Maglasang, K. et al	2002	CDU		Completed
	The Anti-inflammatory Effect of 25% <i>Capsicum Minimum</i> (Red Chili Pepper) Extract on Carageenan-induced Inflammation on the Paw of Albino Mice	Alojehan, M. et al	2002	CDU		Completed
	The Anti-inflammatory Effect of <i>Persea Americana</i> Avocado Leaf Poultice on Carageenan-induced Inflammation in the Paw of Male Albino Mice	Capahi, R. et al	2002	CDU		Completed
	Determination of the Lethal Dose (LD50) of <i>Switenia Macrophylla</i> (Mahogany) Seed Crude Extract on Albino Mice	Young, J. et al	2002	CDU		Completed
	Reduction of the Total Serum Cholesterol Level of Egg Yolk Induced Hypercholesterolemic Rabbits Fed With and Without Powdered Glycine Max (Leguminosae) Merrill (Soya Beans)	Lim, I. Et al	2002	CDU		Completed
	The Effect of 50% <i>Syzygium Cumini</i> (Lumboy Seed) Extract on the Blood Glucose Level of Alloxan-Induced Hyperglycemic Male Rabbits	Pua, I. Et al	2002	CDU		Completed
	The Effect of 50%, 100% Concentration of <i>Morinda Citrifolia</i> (Noni) Fruit Extract on Intestinal motility of Albino Mice	Cabrera, R. et al	2002	CDU		Completed
	The Stimulatory Effect of Monosodium glutamate on the Intestinal Motility of Albino Mice	Arobinto, J. et al	2002	CDU		Completed
	Determination of the Lethal Dose (LD50) of 100% <i>Moringa Pleifera</i> Seed Extract on Albino Mice	Durano, M. et al	2003	CDU		Completed
	The Analgesic Effect of 100% <i>Zingiber Officinale</i> (Ginger) Rhizome Extract on Albino Mice	Sanico, N. et al	2003	CDU		Completed
	The Effect of 100% <i>Dacucus Carota</i> (Carrot) Root	Lee, E. et al	2003	CDU		Completed

Extract on the Serum Cholesterol Level of Diet-induced Hypercholesterolemic Rabbits					
The Effect of Camellia Sineensis (Green Tea) on Glucose Level of Albino Mice	Efthimiou, J. et al	2003	CDU		Completed
The Effect of Simvastatin and 100% <i>Lycopersicum esculentum</i> (Tomato) Fruit Extract Compared to 100% <i>Lycopersicum esculentum</i> (Tomato) Fruit Extract Alone on the Serum Cholesterol of Diet-Induced Hypercholesterolemic Male Rabbits	Gomonit, C. et al	2003	CDU		Completed
The Effect of Zysgium Cumini (Lombay) Leaf on Blood Glucose Levels of Alloxan-induced Hyperglycemia on Male Rabbits	Barcenas, A. et al	2003	CDU		Completed
The Anti-inflammatory Effect of Zingiber Officinale (Ginger Rhizome) Poultice on Carageenan-induced Inflammation in the Left Paw Male Albino Mice	Tuason, M. et al	2004	CDU		Completed
The Effect of 100% Fresh Chayote (<i>Sechium Edule</i>) Fruit Extract on the Egg Yolk Induced Hypercholesterolemia Among Male Rabbits	Abellanos, M. et al	2004	CDU		Completed
The Effect of Daily Intake of 250 ml. Organic Glycine Max (Soy) Milk on the Total Cholesterol Level of Diet-induced Hypercholesterolemic Individuals	Ang, L. et al	2004	CDU		Completed
The Effect of 100% <i>Cucumis Savitus L.</i> (Cucumber) Fruit Extract on Alloxan-induced Hyperglycemia Among Male Albino Mice	Villaflor, RFV et al	2004	CDU		Completed
The Effect of 100% <i>Polymnia Sonchifolia</i> (Yacon) Root Juice on the Alloxan-induced Hyperglycemia in Male Rabbits	Avenido, N. et al	2004	CDU		Completed
The Determination of Anti-inflammatory Effect of <i>Moringa Oleifera</i> (Horseraddish) Leaf Extract on Carageenan Induced Inflammation on the Paw of Albino Mice	Limbu, L. et al	2005	CDU		Completed
Analgesic Effect of Alcohol Free <i>Jasminum Sambac L.</i> Ait. (Sampaguita) Leaf /extract on Acetic-acid Induced Writhing Among Male Albino	Villaflor, RFV et al	2005	CDU		Completed
The Hypoglycemic Effect of <i>Tinospora Crispa</i>	Ladjamatli, N. et al	2005	CDU		Completed

(Panyawan) Leaf Decoction on Alloxan-induced Hyperglycemic Male Rabbits					
The Inhibitory Effect of Mature Tamarindus Indica Linn. (Tamarind) Leaf Decoction on the Intestinal Motility of Male Albino Mice	Villa, G. et al	2005	CDU		Completed
A Study of the Vasoactive Effects of Aqueous Extract of Banana (Musa Paradisiaca) on the Isolated Aorta from Sus Scrofa (large white) Landrace Pigs	Kintanar, B. et al	2001-2002	CIM		Completed
Chamyto (A Commercial Lactobacilli-Containing Fermented Milk Drink) Has No Bacterial Effect Against <i>Escherichia coli</i> Using Pour Plate Method	PBL II Students	2002-2003	CIM		Completed
Pepromia Pellucida (Sinaw-Sinaw) Stem & Leaf Extract 1:1 Wt/Vol Does Not Inhibit the Growth of Escherichia Coli on MHIA	PBL II Students	2002-2003	CIM		Completed
75% Tabernaemontana Pandacaku (Pandakaki-Tigpod) Stem Extract Does Not Possess Antifungal Activity Against Albicans in Vitro	PBL II Students	2002-2003	CIM		Completed
An in vitro Study on the Greater Antimicrobial Activity of Local Over Imported Bulbus Allii Sativii (Garlic) Against <i>Eschechia coli</i>	PBL II Students	2002-2003	CIM		Completed
Fresh Mangifera Indica (Mango) Leaf Decoction Showed No In vitro Anti-staphylococcal Activity Using Disc Diffusion Susceptibility Test	PBL II Students				
Antibacterial Activity of Ginger (Zingiber Officinale Roscoe) Extract on Streptococcus Pyogenes in Vitro Using Disc Diffusion Susceptibility Test	PBL II Students	2003-2004	CIM		Completed
A Comparative Study on the Effects of 10 ml./day 100% Dancus Carota Root Extract and 0.3 g/day Capsicum Anuum Extract on the Serum Cholesterol Level of Diet-Induced Hypercholesterolemic Rabbits	PBL II Students		CIM		Completed
A Study on Antimicrobial Effect of 100% Zea Mays Linn.	PBL II Students	2004-2005	CIM		Completed

(com) Stigma Decoction Versus Trimetoprim-sulfamethoxazole (TMP - SMX) on Escherichia Coli in Vitro					
The Antimicrobial Activity of Pure Ampalaya (Momordica Charantia) Fruit Pulp Extract Versus Nitrofurantoin on <i>E. coli</i> in Vitro	PBL I Students	2004-2005	CIM		Completed
Does 100% Gracilaria Verocosa Extract have Antimicrobial Activity Against Pure Cultures of Staphylococcus Aureus (MSSA)?	PBL I Students	2004-2005	CIM		Completed
Comparative Study on the Efficacy of 100% <i>Andropogon citratus</i> (Lemongrass) Extract on Clinically Isolated <i>Escherichia coli</i> Using Disc Diffusion Method Versus Ciprofloxacin	PBL I Students	2004-2005	CIM		Completed
<i>Musa paradisiaca</i> (Banana) Leaf Decoction as an Alternative to Tranexamic Acid for Hemostasis	PBL I Students	2004-2005	CIM		Completed
The Antimicrobial Effect of 100% Capsicum Annum (Chili) Fruit Extract on Methicillin-Resistant <i>Staphylococcus aureus</i> (ATCC25923) Using the Kirby Bauer Disk Diffusion Method	PBL I Students				Completed
The Antimicrobial Effect of 100% <i>Persea americana</i> (Avocado/Alligator) Pear Seed Extract Against <i>Escherichia coli</i> In vitro Using Disc Diffusion Method	PBL I Students	2004-2005	CIM		Completed
A Comparative Study on the Effectivity of Malunggay (<i>Moringa oleifera</i>) Seed Extract and PUR as a Bactericidal Agent Against Fecal Coliforms (<i>E. Coli</i>) Present in Water	PBL I Students	2004-2005	CIM		Completed
A comparative Study on the Extent of Antimicrobial Activity of Raw Honey Versus fusidic Acid on Staphylococcus Aureus in Vitro	PBL II Students	2004-2005	CIM		Completed
The Saponin Extracted from Dioscora Alata (Linn) Tubers Lowers Serum Cholesterol Levels in Diet-	PBL II Students	2004-2005	CIM		Completed

Induced Hypercholesterolemic Male <i>Oryctolagus Cuniculus</i>					
Lactopafi shortens Prothrombin Time in Male Rabbits Treated with warfarin	PBL II Students	2004-2005	CIM		Completed
A Comparative Study Between the Inhibitory Effect of <i>Lycopersicum</i> (Linn) Karsten (Tomato) 100% Alcoholic Seed & Pulp Extracts and Vancomycin on <i>Staph. Aureus</i> ATCC in Vitro	PBL II Students	2004-2005	CIM		Completed
A Comparative Study on the Efficacy of Pure coconut Oil in Limiting the Extent of Bacterial Growth on Burn Wounds in Mice Versus Silver Sulfadiazine	PBL II Students	2004-2005	CIM		Completed
A Comparative Study on the Effectiveness of 100% Alcoholic Extracts of <i>Moringa Oleifera</i> Seeds & Ciprofloxacin in Inhibiting Growth of <i>Pseudomonas Aeruginosa</i> in Vitro Using Disc Diffusion Test	PBL II Students	2004-2005	CIM		Completed
A Comparative Study Between the Effects of Mansanitas (<i>Muntinga Calabura</i> Linn) Fruit Decoction & Simvastatin on the Serum Cholesterol Levels of Diet-Induced Hypercholesterolemic Rabbits		2004-2005	CIM		Completed
Carageenan: An Alternative Source of Blood Agar Primary Plating culture medium for the Isolation of <i>Staphylococci</i> , <i>Streptococci</i> and <i>Enterococci</i>	Dr. Irene Belen Unson Dr. Marilyn Zarraga	2000-2001	VSMC		Completed
A Comparative Study on the Antimicrobial Property of Bisolvon Against the common wound Pathogen	Dr. Phillipe Baclig		VSMC		
A Locally Made Low-Cost Sound Level Meter: An Instrument Innovation	Dr. Mervin Louis Varona		VSMC		
Blood Glucose Lowering Effect of Ampalaya (<i>Momordica charantia</i>) in Alloxan-Induced Diabetic Albino Rats	Dr. Charis Coniejos	2001	CDUH		Completed
The Effectiveness of Ethylene Oxide Sterilization on Viscoelastic for Reuse in Cebu Doctors' Hospital, Cebu	Dr. Ramcarl Blancia	2001			Completed

City					
Use of Hyaluronic Acid in the Promotion of Surgical Hemostasis: An Experimental Study in Rabbits	Dr. Arlene Cala-or	2002			Completed
Use of Chitosan in the Promotion of Wound Healing: An Experimental Study in Rabbits	Dr. Arlene Cala-or	2002			Completed