

28/02/2025

# Compilation of Researches by 31st Batch

Department of Community Medicine



## **Group -1**

- **Topic**

Practices of screening for breast cancer and its associated factors among women between 18 to 45-year-old attending Out Patient Department at a Teaching Hospital in Colombo district

- **General Objective**

To determine the practices on screening for breast cancer and its associated factors among the women between 18 to 45 years old attending the Out Patient Department at a Teaching Hospital in Colombo district.

- **Specific Objectives**

I. To describe the practices on screening for breast cancer among women between 18 to 45-year-old attending the Out Patient Department at a Teaching Hospital in Colombo district.

II. To describe the factors associated with practices on screening for breast cancer among women between 18 to 45-year-old attending the Out Patient Department at a Teaching Hospital in Colombo district.

- **Internal Supervisor**

Dr. Nadeeja Herath,

- **External supervisor**

Dr. Sajith Edirisinghe

## **Group-2**

- **Topic**

Research Proposal on “Proportion of patients wearing face masks among those diagnosed with selected chronic respiratory diseases and their attitudes and associated factors towards wearing them, admitted to medical wards of Colombo South Teaching Hospital.”

- **General Objective**

To determine proportion of patients wearing face masks among those diagnosed with respiratory diseases and their attitudes and associated factors towards wearing them

- **Specific Objectives**

1. To determine the proportion of patients wearing face masks among those diagnosed to diseases, admitted to the medical wards in Colombo South Teaching Hospital.
2. To determine the attitude towards wearing of facemasks among those diagnosed with respiratory diseases, admitted to the medical wards in Colombo South Teaching Hospital.
3. To determine the factors associated with wearing facemasks among those diagnosed with respiratory diseases, admitted to the medical wards in Colombo South Teaching Hospital.

- **Internal Supervisor**

Dr. Nadeeja Herath

- **External supervisor**

Dr. Sithara Disaanayaka

## **Group 3**

- **Topic**

Mental wellbeing, factors associated with mental wellbeing and coping strategies among female doctors working in selected government hospitals in Colombo district.

- **General Objective**

To describe the mental wellbeing and coping strategies and to determine the factors associated with mental wellbeing of female doctors working in selected government hospitals in Colombo district

- **Specific Objectives**

1. To describe the mental wellbeing of female doctors working in selected government hospitals in Colombo district
2. To describe the coping strategies practiced by the female doctors in selected government hospitals in Colombo district
3. To determine the factors associated with mental wellbeing among female doctors in selected government hospitals in Colombo district

- **Internal Supervisor**

Dr.M.Cader

- **External supervisor**

Dr.Sanath Mahawithanage

## **Group 4**

- **Topic**

Knowledge and practices on paracetamol use and factors associated with the knowledge on paracetamol use among mothers with children under fourteen years attending MCH clinics in Boralasgamuwa MOH area.

- **General Objective**

To describe the knowledge and practices on paracetamol use and to determine the factors associated with the knowledge on paracetamol use among mothers with children under fourteen years attending MCH clinics in Boralasgamuwa MOH area.

- **Specific Objectives**

1. To describe the knowledge on paracetamol use among mothers with children under fourteen years attending MCH clinics in Boralasgamuwa MOH area.
2. To describe the practices on paracetamol use among mothers with children under fourteen years attending MCH clinics in Boralasgamuwa MOH.
3. To determine the factors associated with the knowledge on paracetamol use among mothers with children under fourteen years attending to Boralasgamuwa MOH

- **Internal Supervisor**

Dr. M. Cader

- **External supervisor**

Prof. Pradeepa Jayawardane

## **Group 5**

- **Topic**

Level of physical activity and respiratory functions of patients with chronic obstructive pulmonary disorders attending selected clinics in Colombo district and associated factors for respiratory functions and physical activity.

- **General Objective**

To describe the level of physical activity and respiratory functions of patients with chronic obstructive respiratory disorders attending selected clinics in Colombo district and associated factors for respiratory functions and physical activity.

- **Specific Objectives**

1. To describe the level of physical activity of patients with chronic obstructive Respiratory disorders attending selected clinics in Colombo district.
2. To describe the Respiratory functions of patients with chronic obstructive Respiratory disorders attending selected clinics in Colombo district.
3. To describe the associated factors for physical activity and respiratory function among patients with chronic obstructive Respiratory disorders attending selected clinics in Colombo district.

- **Internal Supervisor**

Prof. Sampatha Goonawardena

- **External supervisor**

Prof. Savithri Wimalasekara

## **Group 6**

- **Topic**

Assessment of known risk conditions for developing type 2 Diabetes Mellitus and associated factors, among females attending the Out-Patient Department of a tertiary care hospital in Colombo district

- **General Objective**

To assess the known risk conditions for developing type 2 Diabetes Mellitus and associated factors, among females attending the Out-Patient Department of a tertiary care hospital in Colombo district

- **Specific Objectives**

1. To describe the known risk conditions for developing type 2 Diabetes Mellitus among females attending the Out-Patient Department of a tertiary care hospital in Colombo district.
2. To assess the associated factors for known risk conditions for developing type 2 Diabetes Mellitus among females attending the Out-Patient Department of a tertiary care hospital in Colombo district.

- **Internal Supervisor**

Dr. Nethmini V.J. Thenuwara

- **External supervisor**

Dr. M.H. Arambewela

## **Group 07**

- **Research Topic:**

Knowledge, attitudes and factors influencing knowledge on waterborne diseases among undergraduate students of a selected University in Colombo District".

- **General Objective:**

To assess the knowledge, attitudes, and factors influencing knowledge on waterborne diseases among undergraduate students in a selected university in the Colombo District.

- **Specific Objectives**

1. To assess the knowledge on waterborne diseases among undergraduate students in a selected university in the Colombo District.
2. To assess the attitudes on waterborne diseases among undergraduate students in a selected university in the Colombo District.
3. To assess the factors influencing knowledge on waterborne diseases among undergraduate students in a selected university in the Colombo District.

- **Internal Supervisor:**

Dr. Nethimini Thenuwara

- **External Supervisor:**

Dr. Himansu Waidyasekara



## **Group 08**

- **Research Topic:**

Perceptions on migration and its associated factors among undergraduate students in a selected university.

- **General Objective:**

To describe the perceptions on migration and its associated factors among undergraduate students of a selected university.

- **Specific Objectives**

1. To describe the perceptions on migration among undergraduate students of a selected university.
2. To describe the factors associated with migration perceptions among undergraduate students of a selected university.

- **Internal Supervisor:**

Dr. Amanthi Bandusena

- **External Supervisor:**

Dr. K. R. Atukorala

## **Group 09**

- **Research Topic:**

Knowledge and its associated factors on hand hygiene among healthcare workers at a teaching hospital in Sri Lanka.

- **General Objective**

To assess the knowledge and its associated factors on hand hygiene among healthcare workers at a selected teaching hospital in Sri Lanka.

- **Specific Objectives**

1. To assess the knowledge on hand hygiene among healthcare workers at a teaching hospital in Sri Lanka.
2. To assess the factors associated with knowledge on hand hygiene among healthcare workers at a teaching hospital in Sri Lanka.

- **Internal Supervisor:**

Dr. R.D.S. Ranasinghe

- **External Supervisor:**

Dr. D. M. B. T. Dissanayake

## **Group 10**

- **Research Topic**

Knowledge, Attitudes and Factors Associated with Knowledge on Gestational Diabetes Mellitus Among Pregnant Women Attending Antenatal Clinics in Selected Hospitals

- **General Objective:**

To assess the knowledge, attitudes, and factors associated with knowledge on Gestational Diabetes Mellitus among pregnant women attending antenatal clinics in selected hospitals.

- **Specific Objectives**

1. To assess the knowledge on Gestational Diabetes Mellitus among pregnant women attending antenatal clinics in selected hospitals.
2. To assess the attitudes on Gestational Diabetes Mellitus among pregnant women attending antenatal clinics in selected hospitals.
3. To assess the factors associated with knowledge on Gestational Diabetes Mellitus among pregnant women attending antenatal clinics in selected hospitals.

- **Internal Supervisor:**

Dr. Pubudu Chulasiri

- **External Supervisor:**

Prof. Neluka Fernando

## **Group 11**

- **Research Topic:**

Adverse events following immunization of children up to 5 years: Knowledge, practices and associated factors for knowledge among mothers attending pediatric clinics at a selected teaching hospital in Sri Lanka"

- **General Objective**

To assess the knowledge, practices, and associated factors for knowledge regarding adverse events following immunization of children up to 5 years among mothers attending pediatric clinics at a selected teaching hospital in Sri Lanka.

- **Specific Objectives**

1. To assess the knowledge regarding adverse events following immunization of children up to 5 years among mothers attending pediatric clinics at a selected teaching hospital in Sri Lanka.
2. To assess the practices regarding adverse events following immunization of children up to 5 years among mothers attending pediatric clinics at a selected teaching hospital in Sri Lanka.
3. To assess the factors associated with knowledge regarding adverse events following immunization of children up to 5 years among mothers attending pediatric clinics at a selected teaching hospital in Sri Lanka.

- **Internal Supervisor:**

Dr. Sriyani Ranasinghe

- **External Supervisor:**

Prof. Jananie Kottahachchi

## **Group 12**

- **Research Topic:**

Knowledge and attitudes regarding sexual relationships and associated factors of knowledge and attitudes among selected university undergraduates in the Colombo district"

- **General Objective**

To assess the knowledge and attitudes regarding sexual relationships and associated factors of knowledge and attitudes among selected university undergraduates in the Colombo district.

- **Specific Objectives**

1. To assess the knowledge regarding sexual relationships among selected university undergraduates in the Colombo district.
2. To assess the attitudes regarding sexual relationships among selected university undergraduates in the Colombo district.
3. To assess the factors associated with knowledge and attitudes regarding sexual relationships among selected university undergraduates in the Colombo district.

- **Internal Supervisor:**

Dr. Onali Rajapaksa

- **External Supervisor:**

Prof. H. A.K. M. Gunasekara

## **Group 13**

- **Research Topic**

Knowledge, attitudes, practices and factors associated with knowledge on Tuberculosis among first-year students in University of Sri Jayewardenepura"

- **General Objective:**

To assess the knowledge, attitudes, practices, and factors associated with knowledge on Tuberculosis among first-year students in the University of Sri Jayewardenepura.

- **Specific Objectives:**

1. To describe knowledge, attitudes and practices on tuberculosis among first-year students in University of Sri Jayewardenepura.
2. To determine the factors associated with knowledge on tuberculosis among first-year students in University of Sri Jayewardenepura.
3. To determine the association between knowledge and attitudes on tuberculosis among first-year students in University of Sri Jayewardenepura.

- **Internal Supervisor:**

Dr. Onali Rajapakse

- **External Supervisor:**

Prof. Manjula Manoji Weerasekera

## **Group 14**

- **Research Topic:**

Sociodemographic and clinicopathological profile of pancreatic carcinoma, and factors associated with tumour resectability of pancreatic carcinoma in a tertiary care centre in Sri Lanka"

- **General Objective**

To describe the sociodemographic and clinicopathological profile of pancreatic carcinoma and identify factors associated with tumour resectability of pancreatic carcinoma in a tertiary care centre in Sri Lanka.

- **Specific Objectives**

1. To describe the sociodemographic profile of pancreatic carcinoma in a tertiary care centre in Sri Lanka.
2. To describe the clinicopathological profile of pancreatic carcinoma in a tertiary care centre in Sri Lanka.
3. To identify the factors associated with tumour resectability of pancreatic carcinoma in a tertiary care centre in Sri Lanka.

- **Internal Supervisor:**

Professor Shamini Prathapan

- **External Supervisor:**

Professor Isha Prematilleke

## **Group 15**

- **Research Topic:**

Prevention of haemolysis in blood sampling: knowledge, practices and factors associated with knowledge among nurses in a selected teaching hospital.

- **General Objective**

To assess the knowledge, practices, and factors associated with knowledge on the prevention of haemolysis in blood sampling among nurses in a selected teaching hospital.

- **Specific Objectives**

1. To assess the knowledge on the prevention of haemolysis in blood sampling among nurses in a selected teaching hospital.
2. To assess the practices on the prevention of haemolysis in blood sampling among nurses in a selected teaching hospital.
3. To assess the factors associated with knowledge on the prevention of haemolysis in blood sampling among nurses in a selected teaching hospital.

- **Internal Supervisor:**

Prof. Maheeka Seneviwickrama

- **External Supervisor:**

Dr. D. Maduri Vidanapathirana



## **Group 16**

- **Research Topic:**

Clinicopathological profile and the association between clinical and histopathological factors of females diagnosed with breast malignancies at a selected tertiary care hospital in Sri Lanka

- **General Objective:**

To describe the clinicopathological profile and the association between clinical and histopathological factors of females diagnosed with breast malignancies at a selected tertiary care hospital in Sri Lanka.

- **Specific Objectives:**

1. To describe the clinicopathological profile of females diagnosed with breast malignancies at a selected tertiary care hospital in Sri Lanka.
2. To describe the association between clinical and histopathological factors of females diagnosed with breast malignancies at a selected tertiary care hospital in Sri Lanka.

- **Internal Supervisor:**

Prof. Maheeka Seneviwickrama

- **External Supervisor:**

Prof. Bimalka Seneviratne

## **Group 17**

- **Research Topic:**

Injury patterns and associated factors regarding non-fatal falls among adults in a selected tertiary care hospital."

- **General Objective:**

To describe the injury patterns and associated factors regarding non-fatal falls among adults in a selected tertiary care hospital.

- **Specific Objectives:**

1. To describe the injury patterns regarding non-fatal falls among adults in a selected tertiary care hospital.
2. To describe the factors associated with non-fatal falls among adults in a selected tertiary care hospital.

- **Internal Supervisor:**

Dr. Janaki Vidanapathirana

- **External Supervisor:**

Prof. Dhammika Ariyaratne

## **Group 18**

- **Research Topic:**

Knowledge, attitudes and associated factors for knowledge on early detection of Autism Spectrum Disorder among mothers having children aged 2 or less than 2 years attending paediatric clinics at a selected tertiary care hospital in Sri Lanka."

- **General Objective:**

To assess the knowledge, attitudes and associated factors for knowledge on early detection of Autism Spectrum Disorder among mothers having children aged 2 or less than 2 years attending paediatric clinics at a selected tertiary care hospital in Sri Lanka.

- **Specific Objectives:**

1. To assess the knowledge on early detection of Autism Spectrum Disorder among mothers attending paediatric clinics at a selected tertiary care hospital in Sri Lanka.
2. To assess the attitudes on early detection of Autism Spectrum Disorder among mothers attending paediatric clinics at a selected tertiary care hospital in Sri Lanka.
3. To assess the factors associated with knowledge on early detection of Autism Spectrum Disorder among mothers attending paediatric clinics at a selected tertiary care hospital in Sri Lanka.

- **Internal Supervisor:**

Dr. Janaki Vidanapathirana

- **External Supervisor:**

Dr. Ianthi Gunasekara

## **Group 19**

- **Research Topic**

Incidence and Trends of Cervical Carcinoma and Factors Associated with Its Staging in Sri Lanka

- **General Objective:**

To describe the incidence and trends of Cervical Carcinoma and identify factors associated with its staging in Sri Lanka.

- **Specific Objectives:**

1. To describe the incidence and trends of Cervical Carcinoma in Sri Lanka.
2. To identify the factors associated with the staging of Cervical Carcinoma in Sri Lanka

- **Internal Supervisor:**

Prof. Shamini Prathapan

- **External Supervisor:**

Prof. Renu Wickremasinghe

## **Group 20**

- **Research Topic:**

Level of Physical Activity and its Associated Factors among Selected Undergraduates Pursuing Medical and Management Degrees at University of Sri-Jayewardenepura.

- **General Objective**

To determine the level of physical activity and identify its associated factors among selected undergraduates pursuing Medical and Management degrees at the University of Sri-Jayewardenepura.

- **Specific Objectives**

1. To determine the level of physical activity among selected undergraduates.
2. To identify the factors associated with the level of physical activity among selected undergraduates.

- **Internal Supervisor:**

Dr. Nimali Wijeyagoonewardene

- **External Supervisor:**

Prof. Neelika Malawige

## **Group 21**

- **Research Topic:**

Allergen sensitization patterns and its associated factors in adults with asthma & allergic rhinitis in Colombo district.

- **General Objective**

To determine the allergen sensitization patterns and its associated factors in adults with asthma and allergic rhinitis in the Colombo district.

- **Specific Objectives**

1. To determine the allergen sensitization patterns in adults with asthma and allergic rhinitis.
2. To identify the factors associated with allergen sensitization patterns in adults with asthma and allergic rhinitis.

- **Internal Supervisor:**

Dr. Pubudu Chulasiri

- **External Supervisor:**

Prof. Chandima Jeewandara

## **Group 22**

- **Research Topic:**

Compliance and associated factors among patients receiving treatment for dyslipidaemia at a selected healthcare institution in Sri Lanka.

- **General Objective**

To assess the compliance and associated factors among patients receiving treatment for dyslipidaemia at a selected healthcare institution in Sri Lanka.

- **Specific Objectives**

1. To assess the compliance among patients receiving treatment for dyslipidaemia.
2. To identify the factors associated with compliance among patients receiving treatment for dyslipidaemia.

- **Internal Supervisor:**

Prof. Shamini Prathapan

- **External Supervisor:**

Prof. Thushara Matthias

## **Group 23**

- **Research Topic:**

Proportion of frailty, falls and their associated factors among older adults living in elders' homes in Colombo district.

- **General Objective**

To determine the proportion of frailty and falls and identify their associated factors among older adults living in elders' homes in the Colombo district.

- **Specific Objectives**

1. To determine the proportion of frailty among older adults living in elders' homes.
2. To determine the proportion of falls among older adults living in elders' homes.
3. To identify the factors associated with frailty and falls among older adults living in elders' homes.

- **Internal Supervisor:**

Prof. Sampatha Goonewardena

- **External Supervisor:**

Dr. Shehan Silva



## **Group 24**

- **Research Topic:**

Knowledge, Attitudes and Associated Factors related to Induced Abortion among Undergraduates of a selected university in Sri Lanka.

- **General Objective**

To assess the knowledge, attitudes, and associated factors related to induced abortion among undergraduates of a selected university in Sri Lanka.

- **Specific Objectives**

1. To assess the knowledge related to induced abortion among undergraduates.
2. To assess the attitudes related to induced abortion among undergraduates.
3. To identify the factors associated with knowledge and attitudes related to induced abortion among undergraduates.

- **Internal Supervisor:**

Dr. Nimali Wijegoonewardene

- **External Supervisor:**

Dr. Prasangika Senevirathne Alles

## **Group 25**

- **Research Topic:**

Exposure to domestic violence during childhood and current opinions on domestic violence among first-year undergraduates of selected faculties at the University of Sri Jayewardenepura.

- **General Objective**

To describe the exposure to domestic violence during childhood and current opinions on domestic violence among first-year undergraduates of selected faculties at the University of Sri Jayewardenepura.

- **Specific Objectives**

1. To describe the exposure to domestic violence during childhood among first-year undergraduates.
2. To describe the current opinions on domestic violence among first-year undergraduates.

- **Internal Supervisor:**

Dr. Supun Wijesinghe

- **External Supervisor:**

Dr. Luckshika Amarakoon

## **Group 26**

- **Research Topic:**

Patterns of social media use and the associations between social media addiction and selected psychosocial aspects among medical faculty undergraduates at the University of Sri Jayewardenepura.

- **General Objective**

To describe the patterns of social media use and the associations between social media addiction and selected psychosocial aspects among medical faculty undergraduates at the University of Sri Jayewardenepura.

- **Specific Objectives**

1. To describe the patterns of social media use among medical faculty undergraduates.
2. To determine the association between social media addiction and selected psychosocial aspects (e.g., sleep) among medical faculty undergraduates.

- **Internal Supervisor:**

Dr. Supun Wijesinghe

- **External Supervisor:**

Dr. R.B. Hapuarachchi

## **Group 27**

- **Research Topic**

The Prevalence of Myopia and its associated factors among a selected group of students of a selected Medical Faculty in Sri Lanka.

- **General Objective**

To determine the prevalence of myopia and its associated factors among a selected group of medical students in a selected university in Sri Lanka.

- **Specific Objectives**

1. To determine the prevalence of myopia among a selected group of medical students.
2. To identify the factors associated with myopia among a selected group of medical students.

- **Internal Supervisor:**

Prof Sampatha Goonawardhena

- **External Supervisor:**

Prof D. S. Wijesekara

## **Group 28**

- **Research Topic:**

Medication adherence and quality of life among type-2 diabetes mellitus patients attending the diabetic clinic at a selected centre in Sri Lanka.

- **General Objective**

To assess medication adherence and quality of life among Type-2 Diabetes Mellitus patients attending the diabetic clinic at a selected centre in Sri Lanka.

- **Specific Objectives**

1. To assess the medication adherence among Type-2 Diabetes Mellitus patients.
2. To assess the quality of life among Type-2 Diabetes Mellitus patients.

- **Internal Supervisor:**

Prof. Shamini Prathapan

- **External Supervisor:**

Prof. G. S. Liyanage

## **Group 29**

- **Research Topic**

Satisfaction on Pain Management in Patients Admitted with Acute Abdominal Pain to the Surgical Wards of Colombo South Teaching Hospital and the Factors Associated With their Satisfaction.

- **General Objective**

To assess patient satisfaction on pain management and the factors associated with their satisfaction among patients admitted with acute abdominal pain to the surgical wards of Colombo South Teaching Hospital.

- **Specific Objectives**

1. To assess patient satisfaction on pain management among patients admitted with acute abdominal pain.
2. To identify the factors associated with patient satisfaction on pain management among patients admitted with acute abdominal pain.

- **External Supervisor**

Prof. Aloka Pathirana

- **Internal Supervisor**

Dr. Nimali Wijegoonewardene

## **Group 30**

- **Research Topic**

Obtaining consent from patients awaiting major surgical procedures and the factors associated with patient satisfaction in the process in a selected tertiary care hospital.

- **General Objective**

To determine the satisfaction of patients awaiting major surgical procedures regarding the process of obtaining consent in a selected tertiary care hospital and the factors associated with it.

- **Specific Objectives**

1. To describe the socio-demographic and clinical profile of patients awaiting major surgical procedures.
2. To determine the level of satisfaction of patients awaiting major surgical procedures regarding the process of obtaining consent in a selected tertiary care hospital.
3. To determine the factors associated with patient satisfaction regarding the process of obtaining consent in a selected tertiary care hospital.
4. To determine the association between the level of knowledge on the consent process and the satisfaction regarding the process in patients awaiting major surgical procedures in a selected tertiary care hospital.

- **Internal Supervisor:**

Prof. Maheeka Seneviwickrama.

- **External Supervisor:**

Dr. R. G. Malith Sachintha Nandasena.

## **Group 31**

- **Research Topic**

Prevalence of preoperative anxiety and its associated factors among patients undergoing major surgeries at Colombo South Teaching Hospital.

- **General Objective:**

To determine the prevalence and associated factors of preoperative anxiety among patients undergoing major surgeries at Colombo South Teaching Hospital.

- **Specific Objectives:**

1. To determine the prevalence of preoperative anxiety among patients undergoing major surgeries at Colombo South Teaching Hospital.
2. To describe the socio-demographic and clinical profile of patients undergoing major surgeries at Colombo South Teaching Hospital.
3. To determine the factors associated with preoperative anxiety among patients undergoing major surgeries at Colombo South Teaching Hospital.

- **Internal Supervisor:**

Prof. Sampatha Goonewardena

- **External Supervisor:**

Dr. Kanchana Wijesinghe



## **Group 32**

- **Research Topic:**

Assessing the completion rate of colonoscopy among patients who have undergone colonoscopy in Colombo South Teaching Hospital and factors associated with incompleteness of colonoscopy.

- **General Objective:**

To assess the completion rate of colonoscopy among patients who have undergone colonoscopy in Colombo South Teaching Hospital and factors associated with incompleteness of colonoscopy.

- **Specific Objectives:**

1. To describe the socio-demographic and clinical profile of patients who underwent colonoscopy.
2. To determine the completion rate of colonoscopy among patients who have undergone colonoscopy in Colombo South Teaching Hospital.
3. To identify the factors associated with the incompleteness of colonoscopy.

- **Internal Supervisor:**

Dr. D.S. Anoja F. Dheerasinghe.

- **External Supervisor:**

Prof. Bawantha Gamage.

## **Group 33**

- **Research Topic**

Socio-demographics, tumour grades and histopathological characteristics of renal tumours, and the factors associated with tumour grade of patients presented to selected tertiary care centres in Colombo District.

- **General Objective:**

To describe the socio-demographics, tumour grades and histopathological characteristics of renal tumours and to identify the factors associated with the tumour grade of patients presented to selected tertiary care centres in the Colombo District.

- **Specific Objectives:**

1. To describe the socio-demographic profile of patients with renal tumours.
2. To describe the tumour grades and histopathological characteristics of renal tumours.
3. To determine the factors associated with the tumour grade of patients with renal tumours.

- **Internal Supervisor:**

Prof. Shamini Prathapan.

- **External Supervisor:**

Prof. Srinath Chandrasekara.

## **Group 34**

- **Research Topic**

Prevalence and associated factors of musculoskeletal disorders among garment factory workers in selected garment factories in the Kalutara district.

- **General Objective:**

To determine the prevalence and associated factors of musculoskeletal disorders among garment factory workers in selected garment factories in the Kalutara district.

- **Specific Objectives:**

1. To describe the socio-demographic and work-related characteristics of garment factory workers.
2. To determine the prevalence of musculoskeletal disorders among garment factory workers.
3. To determine the factors associated with musculoskeletal disorders among garment factory workers.

- **External Supervisor:**

Dr. Chaminda Hunukumbure.

- **Internal Supervisor:**

Dr. Sanjeewa Godakandage.

## **Group 35**

- **Research Topic**

Psychosocial factors among pregnant women attending antenatal clinics of Colombo South Teaching Hospital; a comparative study between normal weight and overweight/obese individuals.

- **General Objective:**

To compare the psychosocial factors among normal weight pregnant women and overweight/obese pregnant women attending antenatal clinics of Colombo South Teaching Hospital.

- **Specific Objectives:**

1. To describe the socio-demographic and clinical profile of normal weight and overweight/obese pregnant women attending antenatal clinics of Colombo South Teaching Hospital.
2. To describe the psychosocial factors of normal weight and overweight/obese pregnant women attending antenatal clinics of Colombo South Teaching Hospital.
3. To compare the psychosocial factors among normal weight pregnant women and overweight/obese pregnant women attending antenatal clinics of Colombo South Teaching Hospital.
4. To determine the association between psychosocial factors and selected socio-demographic and clinical characteristics among pregnant women.

- **Internal Supervisor:**

Dr. Sanjeewa Godakandage

- **External Supervisor:**

Prof. Madura Jayawardane

## **Group 36**

- **Research Topic**

Knowledge, Attitude & Readiness to Use Modern Technology Among Doctors to Improve Patient Care Services at a Tertiary Care Hospital Setting.

- **General Objective:**

To assess the knowledge, attitude and readiness to use modern technology among doctors to improve patient care services in a selected tertiary care hospital.

- **Specific Objectives**

1. To describe the socio-demographic profile of the study population.
2. To assess the level of knowledge on modern technology for patient care services among doctors.
3. To assess the attitude towards the use of modern technology for patient care services among doctors.
4. To determine the level of readiness to use modern technology for patient care services among doctors.
5. To determine the factors associated with the readiness to use modern technology for patient care services among doctors.

- **Internal Supervisor:**

Dr. Nishani H. Ubeysekara.

- **External Supervisor:**

Prof. R.B. Marasinghe.

## **Group 37**

- **Research Topic**

Knowledge, attitudes, practices and associated factors on practices regarding iron, folate and calcium supplementation among pregnant women attending antenatal clinics in a selected hospital in Colombo district.

- **General Objective:**

To assess the knowledge, attitudes, practices and associated factors on practices regarding iron, folate and calcium supplementation among pregnant women attending antenatal clinics in a selected hospital in the Colombo district.

- **Specific Objectives:**

1. To describe the socio-demographic and clinical profile of pregnant women.
2. To assess the level of knowledge on iron, folate and calcium supplementation among pregnant women.
3. To assess the attitude towards iron, folate and calcium supplementation among pregnant women.
4. To assess the practice of iron, folate and calcium supplementation among pregnant women.
5. To determine the factors associated with the practices regarding iron, folate and calcium supplementation among pregnant women.

- **Internal Supervisor:**

Dr. A. S. L. Bandusena.

- **External Supervisor:**

Dr. Supuni Liyanagunawardena.

## **Group 38**

- **Research Topic**

Adherence and factors affecting adherence to prescribed medication among patients with hypertension in Colombo south teaching hospital.

- **General Objective:**

To determine the adherence and factors affecting adherence to prescribed medication among patients with hypertension in Colombo South Teaching Hospital.

- **Specific Objectives:**

1. To describe the socio-demographic and clinical profile of patients with hypertension.
2. To determine the level of adherence to prescribed medication among patients with hypertension.
3. To determine the factors affecting adherence to prescribed medication among patients with hypertension.

- **Internal Supervisor:**

Dr. Vindya Kumarapeli

**External Supervisor:**

Prof. Salindra Ranasinghe