

18/12/2023

# Compilation of Researches by 29th Batch

Department of Community Medicine



## **Group 1**

### **Topic**

Social media addiction on academic performance and its associated factors among undergraduates of faculty of Engineering, University of Moratuwa, Sri Lanka.

### **General Objective**

To describe the social media addiction on academic performance and its associated factors among undergraduates of Faculty of Engineering, University of Moratuwa, Sri Lanka.

### **Specific Objectives**

1. To describe the types and extent social media usage among undergraduates of Faculty of Engineering, University of Moratuwa.
2. To describe the association between the social media addiction and academic performance among the undergraduates of Faculty of Engineering, University of Moratuwa.

### **Internal Supervisor**

Prof. Sampatha Goonewardena

### **External supervisor**

Dr. Chandimani Undugodage

## **Group 2**

### **Topic**

Quality of life and associated factors of post stroke patients presenting to medical clinics at Colombo south teaching hospital (CSTH) during post stroke follow up.

### **General Objective**

To describe quality of life and associated factors of stroke patients followed up at medical clinics of CSTH.

### **Specific Objectives**

- 1.To describe the quality of life of patients with strokes followed up at medical clinics of CSTH.
- 2.To describe the associated factors for quality of life of patients with different types and duration of stroke being followed up at medical clinics of CSTH.

### **Internal Supervisor**

Prof. Sampatha Goonewardena

### **External supervisor**

Dr. F H D Shehan Silva

## **Group 3**

### **Topic**

Knowledge of using hair colors, proportion of side effects of its use and its associated factors among adults living in Colombo district

### **General Objective**

To describe the knowledge of using hair colors, proportion of side effects of its use, and its associated factors among adults living in Colombo district.

### **Specific Objectives**

- To describe the knowledge of using hair colors and the proportion of side effects of its use.
- To describe associated factors for knowledge, attitudes and side effects of using hair colors among adults living in Colombo district.

### **Internal Supervisor**

Prof. S. Goonewardena

### **External supervisor**

Prof. B. M. H. A. Banneheke

## **Group 4**

### **Topic**

Proportion, severity and associated factors of menopausal symptoms among women between 50-55 years, attending to outpatient department of Colombo South Teaching Hospital.

### **General Objective**

To determine the proportion, severity & associated factors of menopausal symptoms among women between 50 -55 years, attending OPD CSTH.

### **Specific Objectives**

1. To describe the proportion and severity of menopausal symptoms among this population.
2. To describe the factors associated with the severity of menopausal symptoms among this population

### **Internal Supervisor**

Prof. S. Goonawardhana

### **External supervisor**

Prof. Shyamalee Samaranayake

## **Group 5**

### **Topic**

Knowledge and associated factors regarding prevention of thalassaemia among advanced level students of biology stream in two selected districts, Sri Lanka

### **General Objective**

To describe the knowledge and associated factors regarding prevention of thalassaemia among advanced level (A/L) students of biology stream in two selected districts in Sri Lanka.

### **Specific Objectives**

1. To describe the knowledge regarding prevention of thalassaemia among A/L students of biology stream in two selected districts in Sri Lanka.
2. To describe the factors associated with knowledge regarding prevention of thalassaemia among A/L students of biology stream in two selected districts in Sri Lanka

### **Internal Supervisor**

Prof. C.S.E. Goonawardena

### **External supervisor**

Prof. Manori Gamage

## **Group 6**

### **Topic**

Cardiovascular disease risk level and associated factors among medical clinic attendees between 40 to 70 years attending Colombo South Teaching Hospital.

### **General Objective**

To determine the cardiovascular disease risk level and associated factors among medical clinic attendees between 40 to 70 years attending Colombo South Teaching Hospital.

### **Specific Objectives**

1. To describe the cardiovascular disease risk level among medical clinic attendees between 40 to 70 years attending Colombo South Teaching Hospital.
2. To describe the associated factors for cardiovascular disease risk level among medical clinic attendees between 40 to 70 years attending Colombo South Teaching Hospital.

### **Internal Supervisor**

Prof. Sampatha Goonewardena

### **External supervisor**

Dr. Thushara Matthias

## **Group 7**

### **Topic**

Knowledge and its associated factors on the consequences of female alcohol use among the youth in Colombo district.

### **General Objective**

To determine the knowledge and its associated factors on the consequences of female alcohol use among the youth in Colombo district

### **Specific Objectives**

1. To describe the knowledge on the consequences of female alcohol use among the youth in Colombo district
2. To determine the factors associated with the knowledge on the consequences of female alcohol use among the youth in Colombo district

### **Internal Supervisor**

Prof. C. S. E. Goonewardena

Dr. W. D. J. K. Amarasena

### **External supervisor**

Dr. Kanchana Wijesinghe



## **Group 8**

### **Topic**

Parental knowledge and associated factors on first aid for seizures in children attending a selected tertiary care hospital in Colombo District

### **General Objective**

To describe the parental knowledge on the first aid for seizures and associated factors of parents with children experiencing seizures attending a selected tertiary care hospital in Colombo

### **Specific Objectives**

1. To describe the parental knowledge on the first aid for seizures in children attending a selected tertiary care hospital in Colombo district.
2. To describe the factors associated to the parental knowledge on the first aid for seizures in children attending a selected tertiary care hospital in Colombo district.

### **Internal Supervisor**

Prof. Shamini Prathapan

### **External supervisor**

Dr. Saraji Wijesekara

## **Group 9**

### **Topic**

Anxiety related to Exclusive Breastfeeding and its associated factors among mothers immediately after delivery in Colombo South Teaching Hospital, Sri Lanka

### **General Objective**

To determine the anxiety related to exclusive breastfeeding and its associated factors among postpartum mothers immediately after delivery in Colombo South Teaching Hospital, Sri Lanka

### **Specific Objectives**

- To determine the anxiety related to exclusive breastfeeding among mothers immediately after delivery in Colombo South Teaching Hospital, Sri Lanka.
- To determine the factors associated with anxiety related to exclusive breastfeeding among mothers immediately after delivery in Colombo South Teaching Hospital, Sri Lanka

### **Internal Supervisor**

Prof. S. Prathapan

### **External supervisor**

Dr. M. A. M. M. Jayawardena

## **Group 10**

### **Topic**

Risk of persistent fatigue following SARS-CoV-2 infection among undergraduates in medical faculties of state universities in Sri Lanka

### **General Objective**

To determine the risk of persistent fatigue following SARS-CoV-2 infection among undergraduates in medical faculties of state universities in Sri Lanka.

### **Specific Objectives**

- To describe the socio-demographic and clinical characteristics of those who were infected with SARS-CoV-2 and those who were not infected among undergraduate's in medical faculties of state universities in Sri Lanka.
- To determine the risk of persistent physical, cognitive and psychosocial fatigue following SARS-CoV-2 infection among undergraduates in medical faculties of state universities in Sri Lanka.

### **Internal Supervisor**

Prof. Shamini Prathapan

### **External supervisor**

Prof. Neelika Malavige

## **Group 11**

### **Topic**

Attitude of adult patients towards participation of medical students in patient centered care in Colombo South Teaching Hospital in Sri Lanka

### **General Objectives**

To determine the attitudes of adult patients towards participation of medical students in patient centered care at Colombo South Teaching Hospital, Sri Lanka

### **Specific Objectives**

1. To describe the patients' attitude towards the personality and the clinical skills of medical students participating in patient centered care at Colombo South Teaching Hospital, Sri Lanka.
2. To describe the associated factors for the patients' attitudes towards the participation of medical students in patient centered care at Colombo South Teaching Hospital, Sri Lanka

### **Internal Supervisor**

Prof. S. Prathapan

### **External supervisor**

Prof. Renu Wickremasinghe

## **Group 12**

### **Topic**

Stress and its associated factors among caregivers of autistic children aged 2 to 14 years attending selected clinics and centers in Colombo District.

### **General Objective**

To describe the stress levels and its associated factors among caregivers of autistic children aged 2 to 14 years attending selected clinics/centers in the Colombo District

### **Specific Objectives**

- To describe the stress levels among caregivers of autistic children aged 2 to 14 years attending selected clinics/centers in the Colombo District.
- To determine factors associated with stress levels in caregivers of autistic children aged 2 to 14 years attending selected clinics/centers in the Colombo District.

### **Internal Supervisor**

Prof. Shamini Prathapan

### **External supervisor**

Dr. Yasodha Rohanachandra

## **Group 13**

### **Topic**

Preference of adults in Sri Lanka on breaking the bad news of a diagnosed terminal illness and factors associated.

### **General Objective**

To describe the preference of adults in Sri Lanka on breaking the bad news of a diagnosed terminal illness and factors associated.

### **Specific Objectives**

1. To describe the preference of adults in Sri Lanka in breaking bad news if diagnosed with a terminal illness.
2. To determine factors for preference of adults in Sri Lanka in breaking bad news if diagnosed with a terminal illness.

### **Internal Supervisor**

Prof. Shamini Prathapan

### **External supervisor**

Dr. Nilanka Perera

## **Group 14**

### **Topic**

Knowledge on causes of birth defects among young adults (aged 18-30 years) in selected districts of Sri Lanka and associated factors.

### **General Objective**

To describe the knowledge on causes of birth defects and the factors associated with the level of knowledge among young adults in selected districts in Sri Lanka

### **Specific Objectives**

1. To describe the knowledge on causes of birth defects among young adults in selected districts in Sri Lanka.
2. To describe the factors associated with the level of knowledge on causes of birth defects among young adults in selected districts in Sri Lanka.

### **Internal Supervisor**

Prof. Shamini Prathapan

### **External supervisor**

Dr. Varuni Tennakoon

## **Group 15**

### **Topic**

Knowledge and attitudes on responding to selected medical emergencies in daily life among the adult population of the Western Province of Sri Lanka.

### **General Objective**

To describe the knowledge and attitudes on responding to seizures and asthma attacks as medical emergencies among the adult population of the Western Province of Sri Lanka.

### **Specific Objectives**

- To describe the knowledge, sources of knowledge and attitudes on responding to seizures and asthma attacks as medical emergencies among the adult population of the western province.
- To describe the factors associated with the knowledge of the selected population on responding to seizures and asthma attacks as medical emergencies.

### **Internal Supervisor**

Dr. B.C.V. Senaratna

### **External supervisor**

Prof. P.P. Rasika Perera



## **Group 16**

### **Topic**

Attitudes on having a romantic relationship during school life and its association with academic performance among students of 2020 A/L batch of schools in the Western Province.

### **General Objective**

To describe the attitudes towards romantic relationships, association between academic performances and the factors related to students who are having romantic relationships during school time

### **Specific Objectives**

- To describe the attitudes of A/L students regarding romantic relationships during school life
- To describe the factors associated with romantic relationships during school life including academic performances

### **Internal Supervisor**

Dr. B.C.V. Senaratna

Dr.A.L. Ahmed Shyam

Dr. Jinadari Kaushalya

### **External supervisor**

Dr.K.P.Manisha Dalpatadu

## **Group 17**

### **Topic**

Attitudes and factors associated with colorectal cancer screening among the general public between 20-60 years in Sri Lanka.

### **General Objective**

To describe the attitudes and factors associated with colorectal cancer screening among the general public between 20 – 60 years in Sri Lanka.

### **Specific Objectives**

- To describe the attitudes on colorectal cancer screening among the general public
- To describe factors associated with attitudes on colorectal cancer screening among the general public

### **Internal Supervisor**

Dr. Chamara Senaratne

### **External supervisor**

Dr. Malith Sachintha Nandasena

## **Group 18**

### **Topic**

Emotional intelligence of 2nd and 3rd year medical students of the University of Sri Jayewardenepura and associated factors

### **General Objective**

To describe the emotional intelligence of 2<sup>nd</sup> and 3<sup>rd</sup> Year medical students of the University of Sri Jayewardenepura and associated factors

### **Specific Objectives**

- To describe the emotional intelligence of 2<sup>nd</sup> and 3<sup>rd</sup> year medical students of the University of Sri Jayewardenepura
- To describe the factors associated with the emotional intelligence of 2<sup>nd</sup> and 3<sup>rd</sup> year medical students of the University of Sri Jayewardenepura

### **Internal Supervisor**

Dr. B.C.V. Senaratna

### **External supervisor**

Dr. Nalinda Silva

## **Group 19**

### **Topic**

Knowledge on breast cancer and breast self-examination (BSE) and factors associated with knowledge on breast cancer and breast self-examination (BSE) among women between 18-30 ages in Colombo district

### **General Objective**

To describe the knowledge on breast cancer and breast self-examination and factors associated with breast cancer and breast self-examination among women between 18-30 ages in Colombo district

### **Specific Objectives**

- To determine the knowledge on breast cancer, risk factors, symptoms, available screening tests and treatments related to breast cancers and breast self-examination examination among women between 18-30 ages in Colombo district
- To describe the factors associated with knowledge on breast cancers and breast self-examination among women between 18-30 ages in Colombo district

### **Internal Supervisor**

Dr. B.C.V. Senarathne

### **External supervisor**

Dr. G.V. N. Sandakumari

## **Group 20**

### **Topic**

Attitudes among parents and their associated factors on vaccinating school children of ages between 5 – 18 years against COVID-19 in a selected population in the Colombo district

### **General Objective**

To determine the attitudes among parents and their associated factors on vaccinating school children of ages between 5 – 18 years against COVID-19 in a selected population in the Colombo District

### **Specific Objectives**

- To describe the attitudes among parents on vaccinating school children of ages between 5 - 18 years against COVID-19 in a selected population in the Colombo District
- To determine the factors associated with the attitudes among parents on vaccinating school children of ages 5 – 18 years against COVID-19 in a selected population in the Colombo District

### **Internal Supervisor**

Dr. B.C.V. Senarathna

### **External supervisor**

Dr Shyamini Adikaram

## **Group 21**

### **Topic**

Learning styles and their associated factors among Medical undergraduates of 2018/2019 intake in selected Medical faculties in Sri Lanka

### **General Objective**

To describe learning styles and their associated factors among Medical undergraduates of 2018/2019 intake in selected Medical faculties in Sri Lanka

### **Specific Objectives**

- To describe learning styles among Medical undergraduates of 2018/2019 intake in selected Medical faculties in Sri Lanka
- To describe associated factors of learning styles among Medical undergraduates of 2018/2019 intake in selected Medical faculties in Sri Lanka

### **Internal Supervisor**

Prof. K.L.M.D. Seneviwickrama

### **External supervisor**

Prof. U. P. K. Hettiaratchi

## **Group 22**

### **Topic**

Knowledge on intellectual development of children under three years and its associated factors, among mothers attending selected child welfare clinics in western province

### **General Objective**

To describe the knowledge on intellectual development of children under three years and its associated factors, among mothers attending selected child welfare clinics in Western province

### **Specific Objectives**

- To describe the knowledge on intellectual development of children under three years, among mothers attending selected child welfare clinics in Western province
- To describe the factors associated with the knowledge on intellectual development of children under three years, among mothers attending selected child welfare clinics in Western province

### **Internal Supervisor**

Prof. K.L.M.D. Seneviwickrama

### **External supervisor**

Dr. D.C Hewage

## **Group 23**

### **Topic**

Knowledge and attitudes on postpartum depression among family members of pregnant women attending antenatal clinics in selected Medical Officer of Health areas in Colombo and Ratnapura districts.

### **General Objective**

To describe the knowledge and attitudes on postpartum depression among family members of pregnant women attending antenatal clinics in selected Medical Officer of Health areas in Rathnapura and Colombo districts

### **Specific Objectives**

- To describe the knowledge and attitudes on postpartum depression among family members of pregnant women attending antenatal clinics
- To describe the associated factors for knowledge and attitudes towards postpartum depression among family members of pregnant women attending antenatal clinics

### **Internal Supervisor**

Prof. K.L.M.D. Seneviwickrama

### **External supervisor**

Dr. S.M.P. Seneviratne Alles



## **Group 24**

### **Topic**

Empathy level and associated factors among medical undergraduates of University of Sri Jayewardenepura

### **General Objective**

Empathy level and associated factors among medical undergraduates of University of Sri Jayewardenepura

### **Specific Objectives**

- To describe empathy level among medical undergraduates of University of Sri Jayewardenepura
- To describe factors associated with empathy level among medical undergraduates of University of Sri Jayewardenepura

### **Internal Supervisor**

Dr. K.L.M.D. Seneviwickrama  
Dr. Ahmed Shiyam

### **External supervisor**

Dr. E.A.S.T Edirisinghe

## **Group 25**

### **Topic**

Knowledge and its Associated Factors regarding Leptospirosis among Undergraduates of a selected Agriculture Faculty in Sri Lanka

### **General Objective**

To describe the knowledge and its associated factors regarding leptospirosis among undergraduates of a selected agriculture faculty in Sri Lanka

### **Specific Objectives**

- To describe the knowledge regarding leptospirosis among undergraduates of a selected agriculture faculty in Sri Lanka
- To describe the factors associated with knowledge regarding leptospirosis among undergraduates of a selected agriculture faculty in Sri Lanka

### **Internal Supervisor**

Prof. Maheeka Seneviwickrama

### **External supervisor**

Dr. Thushari Dissanayake

## **Group 26**

### **Topic**

Perception of body-image and its associated factors among undergraduates in selected faculties of the University of Sri Jayewardenepura

### **General Objective**

To describe perception of body image and its associated factors among undergraduates in selected faculties of the University of Sri Jayewardenepura

### **Specific Objectives**

- To describe perception of body image among undergraduates in selected faculties of the University of Sri Jayewardenepura
- To describe the associated factors of the perception of body image among undergraduates in selected faculties of the University of Sri Jayewardenepura

### **Internal Supervisor**

Prof. K.L.M.D. Seneviwickrama

### **External supervisor**

Dr. M.D.I Amarasinghe Waas

## **Group 27**

### **Topic**

Dietary practices and associated factors among pregnant women in selected medical officer of health areas in Colombo district

### **General Objective**

To describe the dietary practices and associated factors among pregnant women in selected Medical Officer of Health areas in Colombo district

### **Specific Objectives**

- To describe the dietary practices of pregnant women in selected MOH areas in Colombo district.
- To describe the factors associated with dietary practices among pregnant women in selected MOH areas in Colombo district

### **Internal Supervisor**

Prof. C.S.E. Goonewardena  
Dr A.M.A.D.K Alagiyawanna

### **External supervisor**

Dr. Hiranthini De Silva

## **Group 28**

### **Topic**

Internet usage for healthcare information and its associated factors among individuals aged 20 to 29 years in Colombo district

### **General Objective**

To describe the internet usage for healthcare information and its associated factors among individuals aged 20 to 29 years in the Colombo district

### **Specific Objectives**

- To describe the internet usage for healthcare information among individuals aged 20 to 29 years in the Colombo district
- To determine the associated factors for internet usage for healthcare information among individuals aged 20 to 29 years in the Colombo district

### **Internal Supervisor**

Prof. Shamini Prathapan  
Dr. Dushyanthi Alagiyawanna

### **External supervisor**

Dr. Aruni de Silva

## **Group 29**

### **Topic**

Psychological distress and its associated factors among undergraduates in a medical faculty in Sri Lanka

### **General Objective**

To describe psychological distress and its associated factors among undergraduates in a medical faculty in Sri Lanka

### **Specific Objectives**

- To describe the psychological distress among undergraduates in a medical faculty in Sri Lanka
- To describe sleep quality, socio-demographic and individual factors associated with psychological distress among undergraduates in a medical faculty in Sri Lanka

### **Internal Supervisor**

Prof. C.S.E. Goonewardena  
Dr. A.M.A.D.K. Alagiyawanna

### **External supervisor**

Prof. G.S.H. Liyanage

## **Group 30**

### **Topic**

Knowledge, practices and associated factors on CHDR as a monitoring tool for child development, of mothers of children under 4 years of age in selected MOH areas in Colombo district

### **General Objective**

To describe the knowledge, practices and associated factors on CHDR as a monitoring tool for child development, of mothers of children under 4years of age in selected MOH areas in Colombo district.

### **Specific Objectives**

- To describe the knowledge and practices on CHDR as a monitoring tool for child development of mothers of children under 4years.
- To describe the associated factors on CHDR as a monitoring tool for child development, of mothers of children under 4years.

### **Internal Supervisor**

Dr. Chamara Senarathna  
Dr. Dushyanthi Alagiyawanna

### **External supervisor**

Dr. Ruwanthi Perera

## **Group 31**

### **Topic**

Knowledge and Attitudes towards Pulmonary Tuberculosis and Factors Associated Among General Public Aged 20-30 in Colombo District

### **General Objective**

To describe the knowledge and attitudes towards pulmonary tuberculosis and factors associated among general public aged 20-30 in Colombo District

### **Specific Objectives**

- To describe the knowledge on pulmonary tuberculosis among general public aged 20-30 in Colombo District
- To describe the attitudes towards pulmonary tuberculosis among general public aged 20-30 in Colombo District
- To describe the associated factors of knowledge and attitude towards pulmonary tuberculosis among general public aged 20-30 in Colombo District

### **Internal Supervisor**

Prof.K.L.M.D. Seneviwickrama  
Dr.A.M.A.D. K Alagiyawanna

### **External supervisor**

Prof.Jananie Kottahachchi



## **Group 32**

### **Topic**

Knowledge and Its Associated Factors on Deficiency Anemia among Pregnant Mothers Attending Antenatal Clinics in Selected Medical Officer of Health (MOHs) Areas in Colombo District

### **General Objective**

To determine the knowledge and its associated factors on deficiency anemia among pregnant mothers attending antenatal clinics in selected Medical Officer of Health(MOHs) areas in Colombo district

### **Specific Objectives**

- To describe the knowledge towards deficiency anemia and its preventive practices among pregnant mothers attending antenatal clinics in selected Medical Officer of Health (MOHs) areas in Colombo district
- To determine the associated factors for knowledge on deficiency anemia among pregnant mothers attending antenatal clinics in selected Medical Officer of Health (MOHs) areas in Colombo district

### **Internal Supervisor**

Prof. K.L.M.D. Seneviwickrama  
Dr. A.M.A.D.K. Alagiyawanna

### **External supervisor**

Dr. H.W.C.K. Kulathilake