Curriculum vitae – Amaranath Karunanayake



Name in full
Date of Birth
Sex
Nationality
Civil Status
Present position

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Official Address

Amaranath Karunanayake 22nd November 1978 Male Sri Lankan Married Head of the Department /Associate Professor Faculty of Medicine University of Ruhuna Sri Lanka

Department of Physiology Faculty of Medicine University of Ruhuna P.O Box 70, Sri Lanka Tel: 94-91-2246871 Fax: 94-91-2232268 E-mail a2222nath@gmail.com amaranathk@med.ruh.ac.lk

Personal Address

32/26Y Anagarika Dharmapala Road Galle,80000, Sri Lanka Tel: 94-912248171

Professional Qualifications:

March 2016 **Doctor of Philosophy (PhD)** University of Kelaniya, Sri Lanka

February 2006

Bachelor of Medicine and Bachelor of Surgery (MBBS) (2nd Class Upper Division with Distinction in Medicine) University of Ruhuna, Sri Lanka

Other Academic qualifications

	December 2010 Certificate Course on Research Methodology University of Colombo
	December 2011 Certificate Course for Professional Development in Higher Education University of Ruhuna
A and amin Decoud	October 2019 Post graduate Programme in Paediatric Nutrition Boston University School of Medicine (USA)
Academic Record 2005 :	Final (MBBS) (2 nd class upper division) Distinction in Medicine
2004 :	3 rd Examination MBBS (2 nd class Lower Division)
2001:	2 nd Examination MBBS (2 nd class Lower Division)
1997 :	G.C.E.(Adv. Level) Examination
1994:	G.C.E. (Ordinary Level) Examination
1988:	Grade 5 Government Scholarship Holder

Professional Experience:

14.12.2019 to date	Associate Professor in Physiology
30.03.2016 to 13.12.2019	Senior Lecturer in Physiology
31.03.2008 to 29.03.2016	Lecturer in Physiology

20.11.2007 - 30.03.2008	Post-intern Medical Officer Blood Bank, Teaching Hospital Karapitiya
23.04.2007-19.11.2007	Intern Medical Officer in Medicine Professorial Medical Unit, Teaching Hospital Karapitiya
23.10.2006-22.04.2007	Intern Medical Officer in Surgery Professorial Medical Unit, Teaching Hospital Karapitiya

Teaching commitments:

Internal

MBBS degree programme at the University of Ruhuna

External

- 1. Department of Health services, Southern province, Sri Lanka
- 2. Faculty of Allied Health, University of Ruhuna,
- 3. Faculty of Engineering, University of Ruhuna,
- 4. General Sir John Kothelawala Defense University
- 5. Nurses Training School, Galle
- 6. Post Graduate Institute of Medicine, University of Colombo
- 7. Faculty of Medicine ,Sabaragamuwa University, Sri Lanka

Editorial experience /Chapters and Books of Scholarly Work

Reviewer of Journals

Reviewer of Health & Social Care in the Community Journal Reviewer of Ceylon Journal of Science Journal Reviewer of Galle Medical journal Reviewer of Nursing Research and Practice Journal

Reviewer of scientific sessions

- 1. Independent external reviewer of the ethics review committee of Faculty of Medicine, University of Ruhuna
- 2. Independent external reviewer of the ethics review committee of Faculty of Allied Health Sciences, University of Ruhuna
- 3. Reviewer for the research symposium organized by the Faculty of Allied Health Sciences, University of Ruhuna
- 4. Reviewer for the annual academic session of the Physiological Society of Sri Lanka
- 5. Reviewer for the Faculty of Medicine , University of Ruhuna annual academic sessions
- 6. Reviewer for the annual academic session of the Faculty of Science , University of Ruhuna RISTCON 2022
- 7. Reviewer for 7th International Conference on Public Health 2021 (ICOPH 2021)

Book Chapters

Contributing author for Chapter 6 Association between functional gastrointestinal disorders and exposure to abuse in teenagers in Epidemiological and pathophysiological aspects of abdominal pain predominant functional gastrointestinal disorders in children and adolescents: a Sri Lankan perspective. Devanarayana NM. Thesis (PhD), University of Amsterdam, Netherlands. Gunaratne Offset (PVT) Ltd, Colombo. 2015; pp 1-251. ISBN: 978-955-42488-0-9

Contributed for the editing of "Alumni of Ruhuna Medical school" ISBN 955-1402-00-6

Orations

Functional Abdominal Pain Disorders in children: bridging the gap GMA oration -2018 Conducted by Galle medical Association on 10.10.2018

Guest lectures

Gastric motility in FGIDs: pathological and therapeutic implications 25th Anniversary International Scientific Conference. Faculty of Medicine, University of Kelaniya; 2016

What is new in Functional gastrointestinal disorders?

Pre-congress workshop on "gastroenterology" at Sri Lanka College of Paediatrics annual academic session 2019

Student assessment; pass or fail for teachers in the system of assessment

Pre conference CME on medical education Virtual Biennial Conference of the South Asian Association of Physiologists (SAAP-VII) organized in conjunction with the Physiological Society of India (PSI) 2021 from 23rd to 25thMarch, 2021 at Department of Physiology, Hamdard Institute of Medical Sciences and Research, New Delhi, India.

Publications in Scientific Journals/Abstracts

Publications in peer reviewed journals

 Association between Functional Gastrointestinal Diseases and Exposure to Abuse in Teenagers. Niranga Manjuri Devanarayana, Shaman Rajindrajith, Madushanka S. Perera, Samudu W. Nishanthanie, Amaranath Karunanayake, Marc A. Benninga. *Journal of Tropical Pediatrics*, Volume 60, Issue 5, 1 October 2014, Pages 386–392, https://doi.org/10.1093/tropej/fmu035 (2014)

- Prevalence of coronary artery disease in a semi urban population in Southern Sri Lanka . Jayawardene JB, Samarutilake GD, Zackie MH, De Silva PV, Karunanayake A, Weerasooriya MA. Ceylon Med J. 2017 Mar 31;62(1):34-39. DOI: 10.4038/cmj.v62i1.8432.
- 3. Randomized Controlled Clinical Trial on Value of Domperidone in Functional Abdominal Pain in Children. Karunanayake A, Devanarayana NM, de Silva A, Gunawardena S, Rajindrajith S. J Pediatr Gastroenterol Nutr. 2017 Nov 3. DOI: 10.1097/MPG.00000000001819.
- 4. *Review article -The therapeutic value of prokinetic drug domperidone in functional abdominal pain disorders in children* Karunanayake A Ruhuna Journal of Medicine, November 2018;Vol 6:No 1
- Autonomic functions and gastric motility in children with functional abdominal pain disorders. Karunanayake A, Rajindrajith S, de Silva HA, Gunawardena S, Devanarayana NM.World J Gastroenterol. 2019 Jan 7;25(1):95-106. DOI: 10.3748/wjg.v25.i1.95.
- The relationship between platelet count and the onset of leaking phase in dengue patients P. Nishshanka R. W. Kodikararachchi, Amaranath Karunanayake Amaranath Karunanayake September 2021 Galle Medical Journal 26(3):113 DOI: 10.4038/gmj.v26i3.8102
- The prevalence of colour vision deficiency, parent-reported, and child reported difficulties among 10-16 year-old school children in Galle education zone, Sri Lanka Karunanayake, A., Weerasuriya, M.A. and Wijekoon, W.M.C.D., 2021. Galle Medical Journal, 26(4), pp.145–151. DOI: http://doi.org/10.4038/gmj.v26i4.8067

Full papers published in conference proceedings

- 1) Knowledged, Attitudes and practices among blood donors from Southern Sri lanka. Karunanayake A, Weerasuriya MA, Karunathilaka AP. General Sir John Kotelawala Defence University, International research symposium (2014)
- Medical benefits of ANAPANASATHI medictations on physical health and stress reduction Samapriya Pasan Hewawasam, Amaranath Karunanayake, Ven. Walathara Sobitha, K.G Somasiri. 3rd National Buddhist conference, Bhiksu University of Sri Lanka (2017)

Abstracts

 Abdominal pain predominant functional gastrointestinal diseases: Association with child abuse, traumatic life events and quality of life. N Devanarayana, S Rajindrajith, A Karunanayake, S Nishanthini, M S Perera, M A Benninga. (2012) Journal of Gastroenterology and Hepatology, 27:59–438.

- Impact of pain characteristics and gastric emptying on quality of life of children with abdominal pain predominant functional gastrointestinal disorders Karunanayake A, Devanarayana NM, Rajindrajith S.NEUROGASTROENTEROL. MOTIL 2014, 26, SUPPLEMENT 1, 11—82. 1st Federation of the Neurogastroenterology and Motility, At Guangzhou, China, Volume: Abstract no. PP- 214
- The relationship between cardio-vagal autonomic functions and gastric motility in children with abdominal pain predominant functional gastrointestinal disorders Karunanayake A, Devanarayana NM, Rajindrajith S.NEUROGASTROENTEROL. MOTIL 2014, 26, SUPPLEMENT 1, 11—82.1st Federation of the Neurogastroenterology and Motility, At Guangzhou, China, Volume: Abstract no. PP-215
- 4. Automatic stomach:a model to describe the association of autonomic functions with gastric motility in children with functional abdominal pain. Karunanayake A, Devanarayana NM, Rajindrajith,Sampath Gunawarden S J Neurogastroenterol Motil, 2017 March, Volume 23, Supplement 1, pissn :2093-0879 p 261.
- The Prevalence and clinical profile of abdominal pain predominant functional gastrointestinal disorders (AP-FGIDs) in 5-12 year olds in Sri Lanka. Karunanayake A, Devanarayana NM, Rajindrajith S . J Neurogastroenterol Motil, 2017 March, Volume 23, Supplement 1, pissn :2093-0879 p 210.
- Health related quality of life (HRQOL), family impact and disturbances to child activity in children with abdominal pain predominate functional gastrointestinal disorders(AP-FGIDs); School based, cross sectional study. Karunanayake A, Devanarayana NM, Rajindrajith S. J Neurogastroenterol Motil, 2017 March, Volume 23, Supplement 1, pissn :2093-0879 p 257
- Impact of early life events (ELE) and family dynamics for developments of abdominal pain predominate functional gastrointestinal disorders (AP-FGIDs) in 5-12 age group. Karunanayake A, Devanarayana NM, Rajindrajith S J Neurogastroenterol Motil, 2017 March, Volume 23, Supplement 1, pissn :2093-0879 p 262
- 8. The prevalence of coronory artery disease in Bope- Poddala: A semiurban popultion in Southern Sri Lanka. Jayawardena JBJM, De Silva PV, Karunanayake A, Weerasuriya MA. Galle Medical Journal Vol 15, No 1 (2010)
- Cardivagal autonomic functions in children with abdominal pain predominant functional gastrointestinal disorders. Karunanayake A, Devanarayana NM, Rajindrajith. Abstract of the Annual Meeting . The Physiological Society of Sri Lanka. Abstract no. 09.(2013)
- 10. Prevalence of the colour blindness and its impact on their education among undergraduates of University of Ruhuna. Karunanayake A, Egodage UK, Wijekoon WMCD, Uluwitiya SMM, Trimavithana MG.Galle Medical Journal Vol 18, No 2 (2013) Awarded the Best poster award

- 11. Colour preferences among patients with chronic pain. Karunanayake A, Ediriweera HMA, Sewwandi HLSK, Egodage UK, Kodithuwakku GDE.Galle Medical Journal Vol 18, No 2 (2013)
- 12. Cardivagal autonomic functions in children with abdominal pain predominant functional gastrointestinal disorders. Karunanayake A, Devanarayana NM, Rajindrajith S. Abstract of the Annual Research Symposium, Faculty of Graduate Studies, University of Kelaniya.(2013)
- 13. **Blood donors: a model of episodic bleeder** Karunanayake A poster presentation at International Medical congress of Sri Lanka Medical Association (2015)
- 14. Motivating factors for voluntary blood donation during post conflict era in southern Sri lanka Karunanayake A poster presentation at International Medical congress of Sri Lanka Medical Association (2015)
- 15. Effects of body mass index on gastric motility in children with abdominal pain predominant functional gastrointestinal disorders Karunanayake A, Devanarayana NM, Rajindrajith Journal of Pediatric Gastroenterology & Nutrition: October 2015 Volume 61 Issue 4 p 526 doi: 10.1097/01.mpg.0000472242.52355.5a . 7th European Pediatric GI Motility Meeting, Sorrento, Naples, Italy (2015)
- 16. Therapeutic effects of domperidone on abdominal pain –predominant functional gastrointestinal disorders: Randomized, Double blind, placebo controlled trial Karunanayake A, Devanarayana NM, Rajindrajith 7th European Pediatric GI Motility Meeting, Sorrento, Naples, Italy (2015)
- 17. The importance of flexible cystoscopy in the evaluation of haematuria A single centre experience A.M.V Rohana ,A. Karunanayake , Annual Academic Sessions of the College of Surgeons of Sri Lanka (2017)
- 18. Parents' views, attitudes and response towards abdominal pain in children with functional abdominal pain disorders (FAPDs): a school based, cross sectional study Amaranath Karunanayake, Niranga Manjuri Devanarayana, Shaman Rajindrajith : The 14th Asian Pan Pacific Society of Paediatric Gastroenterology, Hepatology and Nutrician Meeting, Bangkok, Thailand (2018)
- 19. Health care seeking behaviours in functional abdominal pain disorders (FAPDs); school based, cross sectional study Amaranath Karunanayake, Niranga Manjuri Devanarayana, Shaman Rajindrajith : The 14th Asian Pan Pacific Society of Paediatric Gastroenterology, Hepatology and Nutrician Meeting , Bangkok, Thailand (2018)
- 20. Impact of early life events (ELE) on sex-related vulnerability in developments of functional abdominal pain disorders (FAPDs) in 5-12 age group Amaranath Karunanayake, Niranga Manjuri Devanarayana, Shaman Rajindrajith : The 14th Asian Pan Pacific Society of Paediatric Gastroenterology, Hepatology and Nutrician Meeting, Bangkok, Thailand (2018)

- 21. "Colour cognition score"; a novel technique to assess colour cognition in children Amaranath Karunanayake1, M.A Weerasuriya2, W.M.C.D Wijekoon Faculty of Medicine Academic Sessions, University of Ruhuna (2019)
- 22. An audit on the effective management of the third stage of labour A D Yasith Gayan, Madura Jayawardene, Amaranath Karunanayake Faculty of Medicine Academic Sessions, University of Ruhuna (2019)
- 23. Correlating platelet count to the onset of leaking phase among Dengue patients admitted to two selected medical wards in Teaching Hospital, Karapitiya (THK). Prabath Nisshanka, Wasantha Kodikararachchi, Amaranath Karunanayake, Faculty of Medicine Academic Sessions, University of Ruhuna (2019)
- 24. Association of skipping breakfast with primary dysmenorrhea among the nursing officers in the 20-30 age group S.J.W.Withanage, Deepthi Gunasena, Amaranath Karunanayake Galle medical association annual academic session (2019)
- 25. Food habits among the young nursing officers suffering from dysmenorrhoea S.J.W.Withanage, Deepthi Gunasena, Amaranath Karunanayake Galle Medical Association annual academic session (2019)
- 26. LUNG FUNCTIONS OF WORKERS OF ASBESTOS RELATED INDUSTRY IN SRI LANKA: A CASE- CONTROL STUDY Chandana Wickramaratne , Champa Wijewickrama , Amaranath Karunanayake , Dhammika Wijekoon , Sampath Gunawardena Annual Academic Sessions of the Physiological Society of Sri Lanka – 2019
- 27. Effects of body mass index (BMI) on dysmenorrhea in 20-30 age group Withanage S J W Amaranath Karunanayake Annual Academic Sessions of the Physiological Society of Sri Lanka – 2019
- 28. The knowledge, attitudes and practices (KAP) on urinary catheterisation and catheter-related infections (CAUTI) among the nursing officers attached to teaching hospital Karapitiya, Sri Lanka. Chamini G.C., Karunanayake A RuFARS 2020 ,Faculty of Allied Health Sciences University of Ruhuna
- 29. Non-contact distance measurer (NCDM) for median and ulnar motor nerve conduction velocity studies (NCS) Amaranath Karunanayake, B.Keembiyehetti, L.A.S.Darmapriya, Yamuna Amarasingha, M.L.D.U.Kumara Virtual Biennial SAAP VII and PSI Conference 2021 held between March 24-25th, 2021at HIMSR, New Delhi 110062
- 30. Clinical profile of the patients presented to ETU with shortness of breath needing non-invasive ventilation Thedchanamoorthy Prashanth, Amitha Fernando, JKSN Perera, TTN Senadheera, P Sharmila, Amaranath Karunanayake annual academic session, Jaffna Medical Association 2020

- 31. Health Status and Safety Practices of Workers of Asbestos Sheet Manufacturing Factories in Sri Lanka KAC Wickramaratne, S Gunawardena, DC Wijewickrama, A Karunanayake ,WMCD Wijekoon 14th International Research Conference of General Sir John Kotelawala Defence University, Ratmalana, Sri Lanka held on 9th and 10th of September 2021
- 32. PHYSICAL ACTIVITY, SLEEP AND BMI IN PATIENTS WITH FIRST-EVER CEREBROVASCULAR ACCIDENT(CVA) ADMITTED TO EMERGENCY TREATMENT UNIT (ETU) AT TEACHING HOSPITAL KARAPITIYA (THK)

M.A Weerasuriya , N.W Munaweera , R.D.N.N Ranasingha , R.L.S Dahanayake , S.A.N Irangi ,A.Karunanayake 33rd ANNUAL SCIENTIFIC SESSIONS OF THE PSSL 2021-VIRTUAL CONGRESS 11th December 2021 PP6

- 33. Clinical profile of patients with cerebrovascular accidents admitted to the emergency treatment unit at Teaching Hospital Karapitiya Weerasuriya MA, Munaweera NW, Ranasingha RDNN, Dahanayake RLS, Irangi SAN, Karunanayake A Galle Medical Association annual academic session (2021)
- 34. Impact of Practising Safety Measures for Covid-19 on the Education of Undergraduates of University Of Ruhuna

Karunanayake A , Dharmaratna KW , Nirmavi HWW , Amerasinghe DMY , Karunarathna J 19th Academic Session - University of Ruhuna, Sri Lanka 2022

Awards

IFFGD Developing Nation Research Award - 2018

Awarded by the International Foundation for Functional Gastrointestinal Diseases

KN Seneviratne research award for 2019

Awarded by Physiological Society of Sri Lanka

The Best oral presentation of the Year award, the Physiological Society of Sri Lanka 2015

Is awarded to

Effects of body mass index on gastric motility in children with abdominal pain –predominant functional gastrointestinal disorders oral presentation Karunanayake A, Devanarayana NM, Rajindrajith

The Best oral presentation of the Year award (1st runner up), the Physiological Society of Sri Lanka 2015

Is awarded to

Therapeutic effects of domperidone on abdominal pain –predominant functional gastrointestinal disorders: Randomized, Double-blind, placebo-controlled trial Oral presentation Karunanayake A, Devanarayana NM, Rajindrajith

Curriculum vitae – Amaranath Karunanayake

National research council of Sri Lanka merit award 2014

Is awarded to

Association between Functional Gastrointestinal Diseases and Exposure to Abuse in Teenagers. Niranga Manjuri Devanarayana, Shaman Rajindrajith, Madushanka S. Perera, Samudu W. Nishanthanie, Amaranath Karunanayake, Marc A. Benninga. Journal of Tropical Pediatrics (2014)

The Best Poster of the Year award (1st runners up), Faculty of Medicine Academic Sessions, University of Ruhuna 2019 Is awarded to

is awarded to

Correlating platelet count to the onset of leaking phase among Dengue patients admitted to two selected medical wards in Teaching Hospital, Karapitiya (THK). Prabath Nisshanka, Wasantha Kodikararachchi, Amaranath Karunanayake,

The Best Poster of the Year award, Galle Medical Association 2013

Is awarded to

Prevalence of the colour blindness and its impact on their education among undergraduates of the University of Ruhuna. Karunanayake A, Egodage UK, Wijekoon WMCD, Uluwitiya SMM, Trimavithana MG.

Health Innovation 2021 organized by Sri Lanka Medical Association 2021 (

3rd place in university category)

Is awarded to

IR-UWB Radio Sensing Platform for Non-Contact Vital Signs Monitoring Kahawewidana K.W.P.P., Bandulasena B.N.M., Ashika Hansini , Seneviratne C.K.W. , Karunanayake A. and Jagath Gamage

Membership in Learned Societies

- 1. Physiological Society of Sri Lanka Life member
- 2. Sri Lanka Association for Improving Higher Education Effectiveness Member
- 3. Sri Lanka Medical Association- Life member
- 4. Galle Medical Association Life member
- 5. Ruhuna Medical School Alumni Association Life member
- 6. International Association of Study of pain- Membership number 82329

Post of Responsibility

1. Chairperson	Board of Physical verification	2009
	Faculty of Medicine, University	
	of Ruhuna	

Curriculum vitae – Amaranath Karunanayake

2. Chairperson	Committee for auction of non- usable items, Faculty of Medicine, University of Ruhuna	June 2020
3. Chairperson	Selection committee for suppliers for transport facilities for Faculty of Medicine, University of Ruhuna	July 2020
4. Chairperson	Technology transfer cell, Faculty of Medicine, University of Ruhuna	2021 up to date
5. Convenor	Faculty web team	2020 to date
6. Deputy Coordinator	Technology transfer unit, Faculty of Medicine, University of Ruhuna	2019-2021
7. Faculty Coordinator	Deyata Kirula National Exhibition	2011
8. Faculty Coordinator	University of Ruhuna relief programme for internally people at the end of war	2009
9. Faculty Coordinator	Mahapola Exhibition	2011
10. Faculty Coordinator	Technology transfer Office , University of Ruhuna	2020,2021,2022
11. Head	Department of Physiology, University of Ruhuna	2019 to date
12. Judge	7 th International Conference on Public Health 2021 (ICOPH 2021).	2021
13. Member	Executive committee, Galle Medical Association	2017/2018
14. Member	Executive committee, The Physiological Society of Sri Lanka	2011,2012, 2014, 2018, 2019,2020,2021,2022
15. Member	Organizing committee, 16 th Sri Lanka University Games	2019
16. Member	Organizing committee for colours nite, University of Ruhuna	2020
17. Member	Human biology course unit of the medical labotary science degree programme	2010
18. Member	Board of Studies for Medicine, University of Ruhuna	2019 to date
19. Member	Faculty Quality Assurance Cell (FQAC)	2020 to date
20. Member	Senate committee for upgrading University Web Page	2019 to date

21. Member	Curriculum Development & Evaluation Committee of the Faculty of Medicine, University of Ruhuna	2019 to date
22. Member	Committee for formulation of policy for online teaching , Faculty of Medicine	2021
23. Member24. Member	Senate , University of Ruhuna Selection panel of recruitment of scientific assistants,Demonstrators for Faculty of Allied Health Sciences	2019 to date 2019 to date
25. Member	Technical Evaluation Committee	2022
26. Member	Expert committee on Ergonomics, Sri Lanka Medical Association	2012-2014
27. Member	Scientific Committee , International Conference on Public Health (ICOPH)	2020, 2021
28. PIC	IT committee SAPP VIII	2022
29. PIC/ Member	Organizing committee Faculty of Medicine Academic session	2017-2021
30. Secretary	Ruhuna Faculty of Medicine	2008/2009
	Teachers' Association	2018/2019
31. Secretary	Ruhuna Medical School Alumni Association	2019 to date
32. Secretary	18 th Academic Sessions and 17 th Vice-Chancellor's Awards Ceremony	2021
33. Secretary	The Physiological Society of Sri Lanka	2016/2017
34. Senior treasurer	Explorers' club, Faculty of Medicine, University of Ruhuna	2011-2014
35. Vice president	LIONS club of Galle	2017/2018