

Research Publications - 2019

Sl. No.	Title	Authors	Journal	Sustainable Development Goals
1	Local drug delivery systems in the management of periodontitis:A scientific review	H.R., R. Dhamecha, D. Jagwani, S. Rao, M. Jadhav, K. Shaikh, S. Puzhankara, L. Jalalpure, S.	Journal of Controlled Release	SDG 3
2	Risk factors of neonatal sepsis in India:A systematic review and meta-analysis	Murthy, S. Godinho, M.A. Guddattu, V. Lewis, L.E.S. Sreekumaran Nair, N.	PLoS ONE	SDG 17
3	Effectiveness of exercise-based rehabilitation on functional capacity and quality of life in head and neck cancer patients receiving chemo-radiotherapy	Samuel, S.R. Maiya, A.G. Fernandes, D.J. Guddattu, V. Saxena, P.P. Kurian, J.R. Lin, P.-J. Mustian, K.M.	Supportive Care in Cancer	SDG 3
4	Fortification of staple foods with vitamin a for vitamin a deficiency	Hombali, A.S. Solon, J.A. Venkatesh, B.T. Nair, N.S. Peña-Rosas, J.P.	Cochrane Database of Systematic Reviews	SDG 17
5	Over-the-counter antibiotic dispensing by pharmacies:A standardised patient study in Udupi district, India	Nafade, V. Huddart, S. Sulis, G. Daftary, A. Miraj, S.S. Saravu, K. Pai, M.	BMJ Global Health	SDG 17
6	Characterization of platelet count and platelet indices and their potential role to predict severity in malaria	Gupta, P. Guddattu, V. Saravu, K.	Pathogens and Global Health	SDG 3
7	Molecular simulation driven experiment for formulation of fixed dose combination of Darunavir and Ritonavir as anti-HIV nanosuspension	Mehta, C.H. Narayan, R. Aithal, G. Pandiyan, S. Bhat, P. Dengale, S. Shah, A. Nayak, U.Y. Garg, S.	Journal of Molecular Liquids	SDG 3

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8	Adverse effects of fluoroquinolones: A retrospective cohort study in a South Indian tertiary healthcare facility	Mathews, B. Thalody, A.A. Miraj, S.S. Kunhikatta, V. Rao, M. Saravu, K.	Antibiotics	SDG 3
9	Immunomodulatory role of chitosan-based nanoparticles and oligosaccharides in cyclophosphamide-treated mice	Mudgal, J. Mudgal, P.P. Kinra, M. Raval, R.	Scandinavian Journal of Immunology	SDG 3
10	Determinants of antenatal care utilization in India: a spatial evaluation of evidence for public health reforms	John, A.E. Nilima Binu, V.S. Unnikrishnan, B.	Public Health	SDG 3
11	Nipah virus: A review on epidemiological characteristics and outbreaks to inform public health decision making	Ambat, A.S. Zubair, S.M. Prasad, N. Pundir, P. Rajwar, E. Patil, D.S. Mangad, P.	Journal of Infection and Public Health	SDG 3 SDG 17
12	Changing antibiotic susceptibility pattern in uropathogenic escherichia coli over a period of 5 years in a tertiary care center	Prasada, S. Bhat, A. Bhat, S. Mulki, S.S. Tulasidas, S.	Infection and Drug Resistance	SDG 3
13	Transfers in an aging European Union	Kluge, F.A. Goldstein, J.R. Vogt, T.C.	Journal of the Economics of Ageing	SDG 3
14	The elephant-livestock interface modulates anthrax suitability in India	Walsh, M.G. Mor, S.M. Hossain, S.	Proceedings of the Royal Society B: Biological Sciences	SDG 2 SDG 3
15	Implications of environmental and pathogen-specific determinants on clinical presentations and disease outcome in melioidosis patients	Shaw, T. Tellapragada, C. Kamath, A. Eshwara, V.K. Mukhopadhyay, C.	PLoS Neglected Tropical Diseases	SDG 3
16	Forest loss shapes the landscape suitability of Kyasanur Forest disease in the biodiversity hotspots of the Western Ghats, India	Walsh, M.G. Mor, S.M. Maity, H. Hossain, S.	International Journal of Epidemiology	SDG 15 SDG 17

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17	Factors influencing implementation of evidence-based interventions in public health systems – A model	Vincenten, J. Morag Mackay, J. Schröder-Bäck, P. Schloemer, T. Brand, H.	Central European Journal of Public Health	SDG 3
18	Diagnosing active tuberculosis in people living with HIV: An ongoing challenge	MacLean, E. Saravu, K. Pai, M.	Current Opinion in HIV and AIDS	SDG 3
19	Prevalence and predictors of postpartum depression among mothers in the rural areas of Udipi Taluk, Karnataka, India: A cross-sectional study	Agarwala, A. Arathi Rao, P. Narayanan, P.	Clinical Epidemiology and Global Health	SDG 3
20	Trends in gender differences in health at working ages among West and East Germans	Kühn, M. Dudel, C. Vogt, T. Oksuzyan, A.	SSM - Population Health	SDG 3
21	Human papilloma and other DNA virus infections of the cervix: A population based comparative study among tribal and general population in India	Ghosh, S. Shetty, R.S. Pattanshetty, S.M. Mallya, S.D. Pandey, D. Kabekkodu, S.P. Kamath, V.G. Prabhu, N. D'souza, J. Satyamoorthy, K.	PLoS ONE	SDG 3 SDG 17
22	Association of the co-expression of SOX2 and podoplanin in the progression of oral squamous cell carcinomas - An immunohistochemical study	Pradhan, S. Guddattu, V. Solomon, M.C.	Journal of Applied Oral Science	SDG 3
23	The utility of urine-based sampling for cervical cancer screening in low-resource settings	Sabeena, S. Kuriakose, S. Binesh, D. Abdulmajeed, J. Dsouza, G. Ramachandran, A. Vijaykumar, B. Aswathraj, S. Devadiga, S. Ravishankar, N. Arunkumar, G.	Asian Pacific Journal of Cancer Prevention	SDG 3 SDG 17
24	Completeness of reporting in Indian qualitative public health research: A systematic review of 20 years of literature	Godinho, M.A. Gudi, N. Milkowska, M. Murthy, S. Bailey, A. Nair, N.S.	Journal of Public Health (United Kingdom)	SDG 17

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25	Annual cost incurred for the management of type 2 diabetes mellitus—a community-based study from coastal Karnataka	Eshwari, K. Kamath,V.G. Rao, C.R. Kamath,A.	International Journal of Diabetes in Developing Countries	SDG 3
26	siRNA intervention inhibiting viral replication and delivery strategies for treating herpes simplex viral infection	Manda,V. Josyula,V.R. Hariharapura, R.C.	VirusDisease	SDG 3
27	Effect of newborn's admission to intensive care unit on "quality of life" of mother: an Indian perspective	Rai, P. Rani, U.	Journal of Maternal-Fetal and Neonatal Medicine	-
28	Effect of pranayama on anxiety and pain among patients undergoing cardiac surgery:A non-randomized controlled trial	Chandrababu, R. Kurup, S.B. Ravishankar, N. Ramesh, J.	Clinical Epidemiology and Global Health	SDG 3
29	Nutritional status of adolescent girls belonging to the tea garden estates of Sivasagar district, Assam, India	Konwar, P. Vyas, N. Hossain, S. Gore, M. Choudhury, M.	Indian Journal of Community Medicine	SDG 2 SDG 17
30	Engineering green hospitals: An imperative for a sustainable future	Kamath, S. Kamath, R. Kamath, L. Salins, P. Soman, B. Raj, A. D'Souza, R.M.C.	International Journal of Civil Engineering and Technology	SDG 7 SDG 12 SDG 13 SDG 17
31	Debating evidence-based health policy in an interprofessional classroom: an exploratory study	Godinho, M.A. Murthy, S. Ali Mohammed, C.	Journal of Interprofessional Care	SDG 4 SDG 10 SDG 17
32	The Creation and Management of Innovations in Healthcare and ICT: The European and African Experience	Halfmann, S.S.G. Evangelatos, N. Kweyu, E. Devilliers, C. Steinhausen, K. Van Der Merwe, A. Brand, A.	Public Health Genomics	SDG 9 SDG 17
33	Academic health policy debates for local climate change leadership	Godinho, M.A. Murthy, S. Ali Mohammed, C.	The Lancet Planetary Health	SDG 13

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34	Prevalence of visual impairment in school-going children among the rural and urban setups in the Udupi district of Karnataka, India:A cross-sectional study	Prabhu,A.V. Ve, R.S. Talukdar, J. Chandrasekaran, V.	Oman Journal of Ophthalmology	SDG 3
35	Maternal serum lipid levels, oxidative stress and antioxidant activity in pre-eclampsia patients from Southwest India	Bhat, P.V. Vinod,V. Priyanka, A.N. Kamath, A.	Pregnancy Hypertension	SDG 3 SDG 17
36	Use of Vitamin D Supplements in Osteoarthritis:An Observational Study in a Tertiary Health Care Facility	Thomas, J.E. Bhat, A.K. Rao, M. Guddattu, V. Sekhar M, S.	Journal of the American College of Nutrition	SDG 3
37	Mobile phone dependency and self-esteem among adolescents	Rai, A. Kamath, R. Kamath, L. D'Souza, B.	International Journal of Mechanical Engineering and Technology	-
38	Cost of illness (COI) of type-II diabetes mellitus in Shillong, Meghalaya	Khongrangjem, T. Phadnis, S. Kumar, S.	International Journal of Diabetes in Developing Countries	SDG 3
39	Growth, sexual development and menstrual issues among girls with cerebral palsy – A cross sectional study in a tertiary care centre	Rao, A.P. Shah, H. Guruvare, S. Guddattu, V.	Clinical Epidemiology and Global Health	SDG 17
40	Drug-resistant tuberculosis: Progress towards shorter and safer regimens	Saravu, K. Pai, M.	Lung India	SDG 3
41	A pilot study to assess compliance and impact of health warnings on tobacco products in the Udupi district of Karnataka State, India	Mullapudi, S. Britton, J. Kulkarni, M.M. Moodie, C. Kamath, V.G. Kamath, A.	Tobacco Induced Diseases	SDG 3

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42	Goiter Prevalence and Interrelated Components from Coastal Karnataka	Shetty,A. Rao, C.R. Kamath,A. Sp,V. Reddy T, S.K.	National Library of Medicine	-
43	Determinants of chronic pain among adults in urban area of Udupi, Karnataka, India	Panda, P. Vyas, N. Dsouza, S.M. Boyanagari,V.K.	Clinical Epidemiology and Global Health	SDG 17
44	Lactic acidosis due to metformin in type 2 diabetes mellitus and chronic kidney disease stage 3–5: is it significant?	Prabhu, R.A. Mareddy,A.S. Nagaraju, S.P. Rangaswamy, D. Guddattu,V.	International Urology and Nephrology	SDG 3
45	Inter observer variability among gynecologists in manual cervix image analysis for detection of cervical epithelial abnormalities	Kudva,V. Guruvare, S. Prasad, K. Kulkarni, K.A. T S, P. Kamath,A. Nair, S. Rao, C.R.	Clinical Epidemiology and Global Health	SDG 3
46	Assessment of level of stress and depression among adolescents in Udupi taluk, Karnataka.	Verma,A. Rao,A.P. Andrews,T. Binu,V.S.	Indian Journal of Community Health	SDG 3
47	Maxillofacial injuries and its implications on economic burden in trauma victims	Giriyan, K. Kamath, R. D'Souza, B. Kamath, S. Bhat, S.R.	Medico-Legal Update	SDG 3
48	Implications of maxillofacial injuries on quality of life in trauma victims	Giriyan, K. Kamath, R. D'Souza, B. Kamath, S. Bhat, S.R.	Medico-Legal Update	SDG 3
49	Effect of intrinsic and extrinsic foot muscle strengthening exercises on foot parameters and foot dysfunctions in pregnant women:A randomised controlled trial	Ramachandra, P. Kumar, P. Kamath,A. Maiya,A.G.	International Journal of Therapy and Rehabilitation	SDG 3
50	A study on turnaround time of online indentation of medicines in a tertiary care hospital	Shroff, D. Dsouza, B. Shetty,A. Janodia, M.D.	International Journal of Mechanical Engineering and Technology	SDG 3

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51	Road traffic accidents:Development's collateral damage and a major public health and economic concern	Ashok, L. Sharma, Z. Zodge, T.K. Pranav, V. Malarout, N. D'souza, A. Kamath, S.	Medico-Legal Update	SDG 3 SDG 9 SDG 11 SDG 17
52	Reporting of musculoskeletal disorders among fish-processing workers:A narrative review	Navada, R.G.V. Gangahanumaiah, S. Maiya, A.G. Guddattu, V.	Critical Reviews in Physical and Rehabilitation Medicine	SDG 3
54	Introduction of a universal EMR integrated online healthcare management system mobile app in hospitals throughout India and its benefits to patients, hospitals and governments	Jacob, B. Kamath, R.	Indian Journal of Public Health Research and Development	SDG 17
55	The impact of artificial intelligence on healthcare	Sharma, Z. Pranav, V. Chauhan, A. Ashok, L. D'Souza, A. Malarout, N. Kamath, R.	Indian Journal of Public Health Research and Development	SDG 3
56	Evaluation of biomedical equipment maintenance management in a tertiary care teaching hospital	D'souza, R. D' Souza, B. Unnikrishnan, B. Shetty, A. Kamath, R.	Research Journal of Pharmacy and Technology	SDG 3
57	Green buildings: Sustainable construction principles	Kamath, S. Kamath, R. D'Souza, B. Soman, B. Raj, A. Kamath, L.	International Journal of Civil Engineering and Technology	SDG 7 SDG 12
58	Exploring teachers' perspectives on mental health disorders– a preliminary study	Prabhu, V. Ashok, L. Kamath, V.G. Kamath, A. Chandrasekaran, V.	Indian Journal of Public Health Research and Development	SDG 3
59	Mobile technology platform providing continuous education	Naveen Kumar, P D'Silva, H.E. Swapna, B.V.	International Journal of Civil Engineering and Technology	SDG 17
60	Factors contributing to workplace violence against doctors in a tertiary care teaching hospital in South India	Dixit, S. D'Souza, B. Singh, R. Thomas, J. Somu, G. Kamath, R.	Indian Journal of Forensic Medicine and Toxicology	SDG 16

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61	A Qualitative Study on Factors Affecting Adherence Among Indian Haemodialysis Patients at a Tertiary Teaching Hospital of Southern India	Dsouza, B. Prabhu, R.A. Unnikrishnan, B. Shetty,A. Reshmi, B.	Journal of Health Management	SDG 3 SDG 10 SDG 17
62	Computerized morphometric analysis of eryptosis	Jacob, S.S. Prasad, K. Rao, P. Kamath,A. Hegde, R.B. Baby, P.M. Rao, R.K.	Frontiers in Physiology	SDG 3
63	Costing of sterilisation in the central sterile supply department(CSSD) of a tertiary care corporate hospital in South India	Kakinada, K. Kamath, R. Koyi, C.T. Songa, I.R. Kamath, S.	International Journal of Advanced Science and Technology	SDG 17
64	Core Capacities for Public Health Emergencies of International Concern at Ground Crossings:A Case Study from North India	Singh, R. Sumit, K. Hossain, S.S.	Disaster Medicine and Public Health Preparedness	SDG 17
65	A study to estimate the level of physical activity and perceived benefits and barriers to exercise among women in coastal Karnataka	Mallya, S.D. Kumar, P. Sravan Kumar Reddy,T. James, B.S. Kamath,A.	Indian Journal of Public Health Research and Development	SDG 3
66	Assessment of health literacy rates and implementation of teach back method in a tertiary care teaching hospital in South India	Mohammed, F.N. Kamath, R. Somu, G. D'Souza, B.	Indian Journal of Public Health Research and Development	SDG 3
67	The development of a web portal for an assisted reproduction center in South India and an analysis of its efficacy	Munikrishna, R. Kavitha, T.C. Venkataramanaiah Somu, G. Kamath, R. D'souza, B. Kamath, S.	Medico-Legal Update	SDG 3
68	Estimation of financial burden to victims of ocular injuries presenting to a tertiary care hospital in Coastal Karnataka	Vittal,A. Pati,A. Munikrishna, R. Paul, P. Singh,A.P. Malarout, N. Kamath, R.	Indian Journal of Forensic Medicine and Toxicology	SDG 3
69	The effect of vitamin c on endosulfan-induced oxidative stress parameters in prepubertal rats	Manokaran, K. Rao,V.K. Nilima Rao, M.S.D. Kumar, S.P.	Biomedicine (India)	SDG 3

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70	Developing a community-based breast cancer risk prediction tool for resource-poor settings	Pillai, D. Hossain, S.S. Chattu, V.K.	Journal of Education and Health Promotion	SDG 3
71	Cost analysis of endoscopic procedures in a tertiary care hospital in South India	Umesha, P. Somu, G. Mavaji, A. Kamath, R. D'Souza, B. Kamath, S.	International Journal of Mechanical Engineering and Technology	SDG 3
72	The need for the internet of Life (IOL) - A cloud enabled architecture for healthcare stakeholders	Kamath, S. Kamath, R. Sharma, A. D'Souza, B.	International Journal of Mechanical Engineering and Technology	SDG 3
73	Ancient drug standardization versus modern technology	Hadapad, B.S. Nayak, A.V. Sharma, A. Kamath, R.	Medico-Legal Update	SDG 3
74	Prevalence of goiter and its association with iodine status among the women of reproductive age group in coastal villages of Udupi Taluk, Karnataka, India	Reddy, T.S.K. Kamath, V.G. Jacob, G.P. Kamath, A. Rebeiro, C.	Indian journal of public health	SDG 17
75	Protocols play a crucial role in bio psychosocial assessment of patients by staff nurses- a methodological explanation	Jasna, T. Soman, B. Aswathi, R.L. Wilson, K. George Nandagaon, J. Joseph, P.	Medico-Legal Update	SDG 17
76	A review on plasma glucose: Preventing mongering of Madhumeha	Hadapad, B.S. Nayak, A.V. Kamath, R.	Indian Journal of Public Health Research and Development	SDG 3
77	“Are the maternity nurses knowledgeable on oxytocin induction during labour? A protocol development for hospitals in South India”	Dhanya, K.P. Aswathi Raj, L. Soman, B. Wilson, K. Nandagaon, J.G. Joseph, P. Aman, J.	Indian Journal of Public Health Research and Development	SDG 3
78	Awareness of medico-legal aspects and documentation amongst health professionals in a tertiary care hospital	Hisham, S. D-Souza, B.	Medico-Legal Update	SDG 3

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79	Qualitative analysis of impact of congenital hand differences on children visiting a tertiary care hospital	Thampi, D. Bhat,A.K. Rao, A.P. Vyas, N. Gore, M.	Clinical Epidemiology and Global Health	SDG 3
80	An epidemiological study to assess the environmental and socio-cultural determinants of malaria in coastal Karnataka	Guhey,A. Sekaran,V.C. Monteiro,A.D. Motwani, N.	Journal of Communicable Diseases	SDG 3
81	Study of the impact of quality of patient care on discharge against medical advice patients in a tertiary care hospital	Aswathi Raj, L. Kamath, R. Somu, G. Soman, B. D'Souza, B. Kamath, S. Bhat, S.R.	Medico-Legal Update	SDG 3
82	To analyse the cost of sterilisation in central sterile supply department (CSSD) of a tertiary care corporate hospital	Kakinada, K. Kamath, R. Koyi, C.T. Songa, I.R. Kamath, S.	International Journal of Advanced Science and Technology	SDG 3
83	Evaluation of carbapenem-resistant genes and colistin susceptibility in gram negative organisms from clinically significant samples	Rai, D. Rao, P. Bhat, S. Jeppu, U.	Indian Journal of Public Health Research and Development	SDG 3
84	A study on the knowledge and awareness among dental students of mercury toxicity and amalgam disposal	Niang, C.M. Kamath, R. Pati, A. Sharma, A. D'Souza, B. Bhat, S.R. Kamath, S.	Indian Journal of Forensic Medicine and Toxicology	SDG 3
85	An assessment of perceived stress levels and coping strategies for the same among married women clerical employees in a tertiary care teaching hospital	Jeppu, S. Kamath, R. D'souza, I. Raj, A. Soman, B. Sharma, A. Kerkar, P.	Medico-Legal Update	SDG 3
86	Self-perception of voice problems using voice handicap index among lawyers	Philip, R.A. Devadiga, D.N. Rajashekar, B. Guddattu, V. Devadiga, H.D.P.	International Journal on Disability and Human Development	SDG 16

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87	A study on adherence to international patient safety goals in a tertiary care cardiac centre in India	Ananya, R. Kamath, S. Pati, A. Sharma, A. Raj, A. Soman, B. Kamath, R.	Medico-Legal Update	SDG 3
88	Association between work motivation and job satisfaction among nurses in the clinical settings in India	Rajan, A.V. Soni, K.D. Roja, V.R. Kamath, R.	Indian Journal of Public Health Research and Development	SDG 3
89	Impact of new international association of diabetes in pregnancy study group criteria for diagnosis of gestational diabetes on pregnancy outcome at a tertiary care hospital setting in southern india	Guruvare, S. Yadagiri, A. Guddattu, V.	Journal of SAFOG	SDG 3 SDG 5
90	Knowledge and attitudes of mental health professionals regarding informed consent and patient confidentiality in clinical practice and research in udupi district	Vidyashree, S.V. Kamath, S. Kamble, T. Malarout, N. Aswathi Raj, L. Soman, B. Kamath, R.	Medico-Legal Update	SDG 17
91	Epidemiological analysis of ocular injuries in a tertiary care teaching hospital in coastal karnataka	Vittal, A. Kamath, R. Muniksrishna, R. D'Souza, B. Kamath, S. Aswathi Raj, L. Soman, B.	Indian Journal of Forensic Medicine and Toxicology	SDG 3
92	Role of baseline biochemical work up in the diagnosis of possible respiratory chain disorder in clinically suspected children	Saritha Kamath, U. Bhaskaranand, N. Kamath, A. Rao, A.	Biomedicine (India)	SDG 3
93	Quality of life in major burn patients in a tertiary care teaching hospital in south india	Tiwari, P. Kamath, R. D'Souza, B. Kamath, S. Pati, A. Bhagat, P. Keerthi Haripriya, D.	Indian Journal of Forensic Medicine and Toxicology	SDG 3
94	Perturbation-related measures of voice in geriatrics:A normative using multidimensional voice profile	Devadiga, D.N. Bhat, J.S. Guddattu, V.		SDG 3