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Dengue fever in children: Nursing perspective

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Children with dengue suffer with blood loss if not intervened at the early stage. Environment accounts for the spread as mosquitoes are very common in tropical countries like India. If children are identified in the early stage then they will be saved from the detrimental effects due to dengue. Prevention is better than cure and therefore efforts are taken by the government as well as by individuals to prevent dengue affecting children. Dengue is the most rapidly spreading mosquito-borne viral disease in the world. Increase in incidence by over 30-fold in the last 50 years, Endemic in all continents except Europe. It is transmitted by infected *Aedes aegypti* female mosquitoes-belong to Stegomyia family. Lives in highly urbanized area, in fresh water, primarily a day time feeder mosquito. Humans are the primary host of the virus. Severity depends upon factors like gender, secondary infection, age and chronic diseases (sickle cell anemia, asthma, DM) Vertical transmission and through infected blood products Virus transmitted to human in mosquito saliva. Virus replicates in target organs. Virus infects white blood cells and lymphatic tissues. Virus released and circulates in blood. This presentation will high light on the burden of dengue in India and discuss about the nursing care of children with dengue.

Biography

Mary Anbarasi Johnson working as a professor and Head in pediatric nursing department, CMC Vellore. She worked as Clinical Nurse Specialist in PICU for a year and as Assistant Professor in USA for two years. She also worked in administration (Assistant Director of Nursing) in nursing, in Saudi Arabia Defence Sector. She is very much interested in reviewing articles. She have published in 70 national, international journals and presented in around 30 national and international conferences. She have also contributed for 5 book chapters and published a book. She have served in CMC Vellore as addl. Deputy Nursing Superintendent for staff training and quality assurance as well in CMC Institutional research board as a member for a term of 4 years. CMC gave her opportunity to be part of national projects like GFATM, ICMR Infection control project, IMNCI, CSA, OSCE by Dr. MGR Medical University, Diabetic Nurse Specialist programme either as trainer or Master trainer. She is a reviewer or editorial member or advisory member in more than 50 international journals. CMC Vellore also gave her an opportunity to be paper setter or examiner for six universities in India and for CMAI Board, Bangalore as well inspector for B.Sc. N programme under Dr. MGR Medical University. She gives all thanks to Lord Jesus Christ who sustains her every moment. She is indepted to her family, teachers in CON CMC and friends for their encouragement and support. She thank her mother institution CMC Vellore, St. Joseph Regional Medical Center & St. Michael's Hospital, Milwaukee CON, also TPC, RI Hospital Kamismushayt Defense Hospital Saudi for their friendship and guidance who play a special role in mentoring and nurturing me till date.

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