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Establishing a progressing trauma service in a general hospital based on emerging multi-organizational network (EMON) logistics

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It has always been a challenge for a general hospital to manage cases of severe trauma. A progressing trauma service requires a harmonious environment between different specialties. To create a unified system, we can apply the emerging multi-organizational network (EMON) logistics to ensure that all specialties can work together. EMON can be classified upon six essential factors, by complying with these elements the entire hospital can function under a single umbrella. The initial and the most crucial part is 'crisis-driven' where an urgent requirement of a trauma service is needed within the region. The second factor is 'task oriented,' where all the relevant specialties in the hospital will come together at the time of a trauma emergency under a single trauma service to avoid collision of tasks and overlapping of work. The third factor is 'self-evolving,' where based on other external factors the EMON can evolve without any conscious effort from the organization. The fourth element is 'time sensitive.' EMON in trauma deals with cases of emergency, which requires an excellent time management, where even imperfect EMON projects will eventually comply with time. The fifth factor is 'composite' means EMON can only function in a multidisciplinary environment, comprising of all necessary specialties in a functioning hospital. The sixth element is 'temporary.' EMON is only for the duration of the emergency; once a case is closed, EMON for the case ends there. Overall EMON is a tactical measure to bring all units under one umbrella to work without the fear of overlapping tasks and creating chaos.

Biography

Sharfuddin Chowdhury is a Trauma Surgeon trained at Groote Schuur Hospital, University of Cape Town (UCT), South Africa. He has recently moved to Saudi Arabia and working as a Consultant Trauma Surgeon at King Saud Medical City, Riyadh. Besides his clinical practice, he is pursuing his PhD at UCT and his PhD research focuses on "The improvement of the current trauma system in Cape Town". He has built this model after years of experience in "Trauma research, evaluation, teaching and administration both in hospital and academic institutions". This model will help the hospitals to integrate a progressive trauma service into their organizational structure based on EMON logistics.

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