



# The Often-Overlooked Dimension in Biomedical Science and Research

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## Opinion

We live in a world of uncertainties due to various natural and human related disasters which mainly leads to medical casualties. Hence emergency solutions are mandatory to solve health related issues on a war footing operation. To achieve this SOUND ETHICAL GUIDELINES are mandatory. This is often lacking in most of our universities, research institutes and R & D Divisions in Biomedical Devices Designing and Applications. The results are wastages, inefficient delivery of emergency services and loss of human lives.

Let me demonstrate a virtual yet conceivable situation: Consider a war zone where soldiers and a few civilians are injured. The physicians and technicians of theranostics and Biomedical Engineering equipment's are ready for rendering their services in this emergency situation. Not only common sense plays an important role but also a sound knowledge of Medical Ethical Guidelines will help them to avoid wastage, use of the best instrument for

diagnosis and hence the correct prescription for the injured which saves lives in emergencies. Also, the Ethical Aberrations of war procedures by the two fighting Nations leaves the Medical Team in a dilemma whether to do or not to do the emergency treatment. In this situation Ethics of Care and Delivery offers the best solutions to the physicians and the technicians. The take home message in this short opinion is that we SHOULD concentrate more on ETHICAL GUIDELINES and include them in the curriculum of all the Science, Technology and Medical Education to save lives and mother earth from further degradation.

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None.

