

ST3.2	Medical Simulation	14:30 Theatre 1
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Simulating Reality – the Provision of Simulation Centres into Major Hospital Projects and Their Usage for Training, Professional Development and Research

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How many errors could we eliminate from our professional, or even daily lives if we could fully rehearse everything that we do before the actual event? How much time, effort and money do we waste trying to “learn on the job” rather than doing so in a structured, controlled and safe manner?

The key word here is, of course, safety.

In the context of medical profession and the maxim to “first, do no harm”, the imperative is to ensure that patients are subject to the minimum possible risk when undergoing the treatment procedures.

By using simulation techniques, medical procedures can be “rehearsed”, staff can be trained in complete safety and processes can be refined to the point of minimising, if not entirely removing clinical risk in the giving of every day and interventional care.

The presentation will outline some of the thoughts behind medical simulation and its benefits. It will illustrate some of the different methods that institutions and organisations in the medical field are using for such simulations; and it will provide a case study on the implementation of one such centre in a brand new, state-of-the-art hospital in the United Arab Emirates, that Aedas has been involved in delivering.