



NEWS RELEASE

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SAF Unveils State-of-the-Art Medical Simulation Training Centre

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Minister for Defence Dr Ng Eng Hen, accompanied by Senior Minister of State for Defence and Acting Minister for Community Development, Youth and Sports Mr Chan Chun Sing (second from right), unveiling the Medical Simulation Training Centre plaque.

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Minister for Defence Dr Ng Eng Hen officiated at a ceremony this afternoon to inaugurate the Medical Simulation Training Centre (MSTC) at the Singapore Armed Forces (SAF) Medical Training Institute (SMTI). During a tour of the facility, Dr Ng was briefed on the capabilities of the MSTC and witnessed medical trainees honing their skills in various scenarios. He also applied a tourniquet on an advanced high-fidelity human patient simulator (HFHPS) with an amputated leg.

Speaking at the ceremony, Dr Ng spoke on the importance of ensuring that the SAF's medical system is robust and how the SAF utilises all the resources within the system, especially that of NS medical professionals. He also highlighted the need for SAF's medical system to keep pace with advances in the medical field and emphasised that the SAF is constantly looking for ways to improve its medical support system in order to provide better care for national servicemen. He noted that the MSTC is "comparable to other advanced militaries in the world and reflects our commitment to utilise all available expertise and

technology to build a world-class medical system to support our soldiers through the toughest trainings and operations."

The 450m² facility can be configured to create a variety of realistic environments and can simulate up to six different scenarios at any one time. The facility is also equipped with multiple video recorders for real-time and post-activity review to assist in experiential learning. To complement the MSTC's simulation training capabilities, 20 units of the HFHPS will also be used for training. These simulators can be programmed to exhibit clinical signs such as eye pupillary reaction and bluing of the lips. They are also mobile and wirelessly controlled, allowing for medical simulation to be conducted outside the classroom. The advancement in SAF's medical simulation training capabilities will enable servicemen to be better trained for a full spectrum of operations ranging from peacetime medical skills and support to enhance overall training safety, to wartime medical operations.

On the sideline, an event to commemorate the 20th Anniversary of the Advanced Trauma Life Support (ATLS) Course in Singapore was also held at the Nee Soon Medical Complex. During the event, Dr Ng presented commemorative plaques to acknowledge and thank those who had made significant contributions to the development of the ATLS Course in Singapore. Internationally recognised as the standard of care for the early management of trauma casualties, the ATLS Course was first introduced in Singapore by the SAF to train both military and civilian doctors in the care of trauma patients.



Dr Ng and Chief Army Medical Officer COL (DR) Chua Wei Chong (left) applying a tourniquet on a high-fidelity human patient simulator with an amputated leg.



Dr Ng observing a fasciotomy performed on a part-task trainer.

Fact Sheet:

- Fact sheet - The Medical Simulation Training Centre (MSTC) (MINDEF_20120824003.pdf)
- Fact sheet – Advanced Trauma Life Support Course (MINDEF_20120824003_2.pdf)

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