



## Telesimulation and activities during Pandemic April- Dec 2020

April 2020: Scoping review team formed with IPSS, INSPIRE, PediSTARS, NKS to know what we do not know in Telesimulation.

May 2020: First tele simulation pilot project of PediSTARS in collaboration with CMC Vellore and faculty from Yale and Annenberg. Tele simulation and its impact on outcome of children with sepsis was topic of discussion.

21<sup>st</sup> August 2020: PediSTARS along with IPSS, INSPIRE and Netzwerk conducted a “Healthcare Distance Simulation Summit”. Members from 4 different continents participated in the meet. The idea of turning the obstacle of the covid19 pandemic into an opportunity for tele simulation was a wonderful development.

17<sup>th</sup> September 2020: PediSTARS along with CMC Vellore conducted live scenarios for tele simulation. Tele simbox with virtual mannequin was one of the highlights.

22<sup>nd</sup> September 2020: The first International Telesimulation Conference was hosted by Cornell NY USA. Tele Simbox with hotkeys project from CMC Vellore was awarded first prize for its innovation on distance simulation.

25<sup>th</sup> September: PediSTARS conducted webinars on “Breaking barriers in Telesimulation” to provide insight in to various telesimulation activities with and without manikin use. Simulation experts from CHOP, Harvard Medical School, Yale university, Norton Children’s Hospital Louisville and from Japan were involved.

Aug - September 2020: PediSTARS supported Latvia in high technology Telesimulation. This was part of the peer support program IPSS/INSPIRE fellowship. Chat box was used for in-scenario discussion and extracting learner performance. Post scenario debriefing and ways to overcome barriers of distance were discussed.

2<sup>nd</sup> October 2020: PediSTARS conducted a workshop on VR based simulation. Faculty from California and DC USA mesmerized the audience with a completely new dimension of tele simulation.

9<sup>th</sup> October 2020: PediSTARS conducted the concluding session as a part of SSH Sim week. Panel discussion on virtual resus room (VRR) with Toronto team was well received. A simple and effective way with minimal requirements for doing a virtual resus was a fantastic idea for real world use.

15<sup>th</sup> October 2020: PediSTARS successfully conducted an India Pakistan collaboration based virtual Simulation boot camp for residents in Pakistan. The faculty in Pakistan were trained for a week before the actual workshop. The boot camp was conducted in Pakistan Aghakhan University was the first simulation course in Pakistan

26<sup>th</sup> to 29<sup>th</sup> October 2020: PediSTARS participated in the Virtual IPSS conference. Keynote panel discussions and oral presentations by the PediSTARS team were highly appreciated.

10<sup>th</sup> November 2020: PediSTARS conducted a live webinar on “Developing a Career in Simulation Research”. 75 delegates from PediSTARS as well as delegates from 4 continents participated in this session.

19<sup>th</sup> November 2020: PediSTARS successfully conducted a first telesimulation workshop (hybrid) at the neonatology conference of Hyderabad. It was a low-cost simulation with use of a medium technology mannequin. Use of multiple monitors, laptops and iPads to established realism.

25<sup>th</sup> November 2020: PediSTARS conducted first high tech remote controlled Telesimulation session. Simulation team from Japan remotely manipulating the monitors in India and debriefing along with national faculty India. Participants were residents at simlab of CMC, Vellore – India. The performance was live and 75 participants from 4 continents watched the amazing session.

3<sup>rd</sup> to 5<sup>th</sup> December 2020: PediSTARS partnered with SHS India in the virtual SIMULCON 2020. There were several plenary talks, panel discussions and debates from PediSTARS members attended by nearly 8000 delegates.

28<sup>th</sup> August, 18<sup>th</sup> September and 29<sup>th</sup> September, 4<sup>th</sup> October 2020: PediSTARS conducted 4 live sessions for children and teachers focusing on COVID management, psychological safety, first aid, CPR. These were aimed to help them understand the new normal and also to keep them safe, occupied, take care of schoolwork and families – eventually help in building the country. Greater than 2000 children, parents and teachers participated in these sessions