

# 2024 Asian Pediatric Mechanical Ventilation Forum

November 22-24, 2024, Shanghai, China

## Workshop

Nov.22 13:00-17:00

	Room 1	Room 2	Room 3
<b>13:00-15:00</b>	<b>Invasive mechanical ventilation 1</b>	<b>Non-invasive mechanical ventilation</b>	<b>Respiratory Therapy 1</b>
<b>Theme</b>	<b>New models of ventilator</b>	<b>Non-invasive ventilation in children</b>	<b>New technology for atomization and humidification</b>
<b>Tutor</b>	Jianping Tao, China Tian Li, China	Ririe Fachrina Malisie, Indonesia Jiansheng Zeng, China Boliang Fang, China	Yuxin Liu, China Guixiang Tian, China
<b>15:00-17:00</b>	<b>Invasive mechanical ventilation 2</b>	<b>HF ventilation</b>	<b>Respiratory Therapy 2</b>
<b>Theme</b>	<b>Pulmonary recruitment and PEEP titration</b>	<b>High-frequency ventilation in children</b>	<b>Airway Clearance Therapy</b>
<b>Tutor</b>	Jinhao Tao, China Weili Yang, China	Yueqiang Fu, China Dandan Pi, China	Pan Liu, China Yuanyuan Shan, China

## Main Session Schedule (Nov.23)

Time	Theme	Speaker	Host
<b>08:00—08:30</b>	<b>Opening Ceremony (Speeches and folklore show)</b>	<b>Prof. Yi Wang, Prof. Satoshi Nakagawa, Prof. Rujipat Samransamruajkit</b>	<b>Prof. Guoping Lu</b>
<b>08:30—12:00</b>	<b>Keynote Speech</b>		
08:30-08:50	Viral pneumonia: a historical challenge for mankind	Dr. Satoshi Nakagawa	Prof. Suyun Qian Prof. Janhau Lee
08:50-09:10	Respiratory support: top ten priority questions	Dr. Rujipat Samransamruajkit	
09:10-09:30	Ectracorporeal organ support: reflections on clinical value	Dr. Guoping Lu	
09:30-09:50	Mechanical ventilation: accessibility of artificial intelligence	Dr. Quan Wang	
09:50-10:10	<b>Discussion</b>		
10:10-10:20	<b>Coffee Break</b>		
10:20-10:40	Respiratory management of extremely preterm infants: ultimate challenge	Dr. Katsuya Hirata	Prof. Feng Xu Prof. Rujipat Samransamruajkit
10:40-11:00	Pressure and volume control model selection in children: is it important?	Dr. Yueqiang Fu	
11:00-11:20	Minimizing ventilator-associated lung injury: did you do that?	Dr. Martin Kneyber	
11:20-11:40	PACCMAN ARDS: research report	Dr. Janhau Lee	
11:40-12:00	<b>Discussion</b>		
<b>12:00-13:00</b>	<b>Lunch</b>		
Time	Theme	Speaker	Host
<b>13:00—15:00</b>	<b>Mechanical ventilation in common critical illnesses</b>		
13:00-13:20	Mechanical ventilation strategies for ARDS in children: different recommendations in new guideline	Dr. Dong Qu	Prof. Chunfeng Liu Prof. Sheng Fu
13:20-13:40	Controversy over cerebral protective ventilation strategies in patients with intracranial pressure	Dr. YokeHwee Chan	
13:40-14:00	Controversy over mechanical ventilation strategies in children with wheezing severe respiratory disease	Dr. Yihua Tan	
14:00-14:20	Circulatory protective ventilation: what to protect?	Dr. Yueniu Zhu	
14:20-14:40	<b>Discussion</b>		
14:40-15:00	<b>Coffee Break</b>		
<b>15:00—17:00</b>	<b>Assessment instruments for mechanical ventilation</b>		
15:00-15:20	Critical care ultrasound: a stethoscope for respiratory therapy in critically ill patients	Dr. Gan Chin Seng	Prof. Ying Wang Prof. Kamlun Hon
15:20-15:40	Hemodynamic monitoring: assessment in critical respiratory diseases	Dr. Ririe Fachrina Malisie	
15:40-16:00	Esophageal pressure monitoring: an application in the treatment of PARDS	Dr. Jinhao Tao	
16:00-16:20	EIT: evaluation of lung recruitment	Dr. Long Xiang	
16:20-16:40	<b>Discussion</b>		

## Sub-session 1 Schedule (Nov.24)——Critical Respiratory Diseases

Time	Theme	Speaker	Host
<b>08:00—09:20</b>	<b>Spotlight on ARDS</b>		
08:00-08:20	PARDS: heterogeneity and mechanical ventilation strategies	Dr. Martin Kneyber	Prof. Xiaoxu Ren Prof. Huiqing Wang
08:20-08:40	S/F & P/F、OSI & OI: evidence of selection	Dr. Yuxiong Guo	
08:40-09:00	ARDS: Evidence-based pharmacological interventions	Dr. Kamlun Hon	
09:00-09:20	PARDS: the best fluid management strategy	Dr. Janhau Lee	
09:20-09:40	<b>Discussion</b>		
09:40-09:50	<b>Coffee Break</b>		
<b>09:50—11:40</b>	<b>Young Doctors Forum</b>		
09:50-10:10	Mechanical power of ventilation: a lack of concern	Dr. Xiping Zhang	Prof. Wei Xu Prof. Dan Sun
10:10-10:30	Assessment of respiratory drive and inspiratory effort: focus on P-SILI	Dr. Ni Yang	
10:30-10:50	Mechanical ventilation treatment goals: permissive hypoxemia and hypocapnia	Dr. Zhenjiang Bai	
10:50-11:10	<b>Discussion</b>		
<b>11:10-12:00</b>	<b>Six oral report (One in eight minutes)</b>		Prof. Yun Cui Prof. Youpeng Jin
<b>12:00-12:15</b>	<b>Discussion for oral report</b>		
<b>12:15-13:30</b>	<b>Lunch &amp; Free paper discussion &amp; Seminar</b>		
Time	Theme	Speaker	Host
<b>13:30—15:00</b>	<b>Non-invasive ventilation</b>		
13:30-13:50	Non-invasive ventilation: how to improve human-machine synchronization	Dr. ChinSeng Gan	Prof. Xiaoyang Hong Prof. Bizhen Zhu
13:50-14:10	Non-invasive ventilation: sequential therapy for respiratory support	Dr. Atsushi Kawaguchi	
14:10-14:30	Tracheotomy for children: timing and choice	Dr. Jayashree Muralidharan	
14:30-14:50	<b>Discussion</b>		
14:50-15:00	<b>Coffee Break</b>		
<b>15:00—16:30</b>	<b>Long-term mechanical ventilation and rehabilitation</b>		
15:00-15:20	Research of long-term mechanical ventilation in China	Dr. Weiming Chen	Prof. Yumei Li Prof. Abulaiti • Abudouhaer
15:20-15:40	Essential Respiratory monitoring during mechanical ventilation	Dr. Rujipat Samransamruajkit	
15:40-16:00	Pediatric pulmonary rehabilitation: issues in focus	Dr. Weike Ma	
16:00-16:30	<b>Discussion</b>		

## Sub-session 2 Schedule (Nov.24) —— Neonatal Mechanical Ventilation, nursing care and respiratory therapy

Time	Theme	Speaker	Host
<b>08:00—10:00</b>	<b>Refined respiratory management of extremely/ultra-preterm infants</b>		
08:00-08:20	Mechanical ventilation strategies in BPD: timing of tracheotomy and choice of mode?	Dr. Huayan Zhang	Prof. Wenhao Zhou Prof. Chao Chen
08:20-08:40	Non-invasive mechanical ventilation after birth: pros, cons and selection of models	Dr. Yuan Shi	
08:40-09:00	NAVA in extremely/ultra preterm infants	Dr. Lizhong Du	
09:00-09:20	Lung protection strategies in preterm infants: timing and modalities of pulmonary recruitment	Dr. Mingyan Hei	
09:20-09:40	High frequency mechanical ventilation: what is the appropriate frequency?	Dr. Lin Yuan	
09:40-10:00	<b>Discussion</b>		
10:00-10:10	<b>Coffee Break</b>		
<b>10:10—11:15</b>	<b>Eight oral report (One in eight minutes)</b>		Prof. Quan Wang
<b>11:15-11:30</b>	<b>Discussion for oral report</b>		Prof. Yi Wang
<b>11:30-13:30</b>	<b>Lunch &amp; Free paper discussion &amp; Seminar</b>		
Time	Theme	Speaker	Host
<b>13:30—16:30</b>	<b>Nursing care and respiratory therapy</b>		
13:30-13:50	Extubation readiness made ridiculously easy	Dr. Kamlun Hon	Prof. Wei Zhang Prof. Nanping Shen
13:50-14:10	Individualized sedation and analgesia in mechanically ventilated children: how to implement?	Dr. Yun Jin	
14:10-14:30	Early active exercise during mechanical ventilation in the ICU: timing and risk taking	Dr. SN Linda Ang	
14:30-14:50	Ventilator induced diaphragmatic dysfunction in children: early assessment and rehabilitation	Dr. Qixing Wang	
14:50-15:10	<b>Discussion &amp; Coffee Break</b>		
15:10-15:30	Swallowing dysfunction in children after machine withdrawal: how to manage	Dr. Yuxia Yang	
15:30-15:50	Nebulization therapy in mechanical ventilation: a little thing goes a long way	Dr. Jingen Xia	
15:50-16:10	Airway clearance techniques: difficulties in the application of long-term mechanical ventilation in children	Dr. Pan Liu	
16:10-16:30	<b>Discussion</b>		