



Charlie Yu



PROFILE

35 years in basic science, clinical research and medical device industries.

EXPERIENCE

FOUNDER: RADPRO 2017 -

Training and Education on radiation protection and awareness.

FOUNDER: RADPROTECTION CO., LTD. 2018 -

Development and manufacture of novel devices for radiation protection.

PRESIDENT; SYNTAX APAC PTE. LTD. 2018 - 2019

Global Clinical Research Organisation supporting clinical trials in Asia-Pacific region.

DIRECTOR, ASIA; ENDOLOGIX INC. 2014 - 2016

DIRECTOR, ASIA-PACIFIC; VIDACARE CORPORATION – 2011 - 2014

CEO; NEOSCI INTERNATIONAL – 2006-2009

Co-founder of start-up company developing innovative technology for delivering therapeutic hypothermia to the brain during pre-hospital care for stroke and cardiac arrest patients. Received 2 technology grants from Singapore government. IP and prototype later sold to Venture Capital company.

DIRECTOR, ASIA-PACIFIC; MILLIMED HOLDINGS - 2003 - 2005

Set up Asian distribution channel for cardiology and neuro-intervention device company.

DIRECTOR, ASIA-PACIFIC; MERIT MEDICAL SYSTEMS - 2000 - 2003

Managed Asia-Pacific distribution network for US medical device company. Developed sales channels as well as OEM business.

ASIA-PACIFIC MANAGING DIRECTOR; COOK INC. - 1991 - 1999

Managed subsidiaries and distributors for large privately held US multi-national device company.

RESEARCHER; UNIVERSITY OF WASHINGTON SCHOOL OF MEDICINE - 1987 -1990

Basic science research on lymphokines and immune system development.

GRANTS:

Economic Development Board, Singapore: Proof of Concept Award, Development Award:
A novel device for hypothermic brain cooling for stroke and cardiac arrest patients.

PUBLICATIONS:

CELLULAR AND MOLECULAR MECHANISMS FOR REDUCED INTERLEUKIN-4 AND INTERFERON-GAMMA PRODUCTION BY NEONATAL T-CELLS. JOURNAL OF CLINICAL INVESTIGATION: Lewis, D. B., Yu, C. C., Meyer, J., English, B. K., Kahn, S. J., Wilson, C. B. 1991; 87 (1): 194-202

INTERLEUKIN-4 EXPRESSED INSITU SELECTIVELY ALTERS THYMOCYTE DEVELOPMENT. JOURNAL OF EXPERIMENTAL MEDICINE: Lewis, D. B., Yu, C. C., Forbush, K.A., Carpenter, J., Sato, T. A., Grossman, A., Liggitt, D. H., Perlmutter, R. M. 1991; 173 (1): 89-100

Don't Be Caught Half-dressed When Working with Radiation Protection: CardioVascular and Interventional Radiology. 16 December 2019. <https://doi.org/10.1007/s00270-019-02391-7>. Charlie Yu.

Efficiency of new protective shielding curtains from radiation exposure in operation room; In Ex-vivo Phantom Study of ureteroscopy setting. European Urological Association 2020 Annual Congress.

CURRENT RESEARCH AREAS:

Radiation dose to eyes during TAVR procedures: Osaka University.

New Shielding design to reduce radiation exposure in the Hybrid OT. Prince of Songkrah University.

Radiation dose to eyes and brain during minimally invasive procedures. Vancouver General Hospital.

Assessment of radiation risk and doses by medical practitioners in developing countries.

Novel devices and methods for reducing radiation dose to the brain.

SPEAKING ENGAGEMENTS:

Critical Issues in Endovascular Therapy November 2019 Singapore. "Radiation and Longevity".

Asian Society of Vascular Surgery October 2019 Indonesia. "Coordinator: Radiation Workshop", Aortic Symposium. "Radiation Issues in Endovascular Surgery".

Mandalay General Hospital: "Radiation considerations in Interventional Cardiology".

Vascular Innovation Symposium April 2019 Shanghai, China. "Importance of Innovation in Radiation Protection".

Asian Pacific Society of Interventional Radiology 2019: "Understanding Dose Limits and Risk."

Critical Issues in Endovascular Therapy 2018: "Radiation Protection: Myths, Truths and how to survive the marathon."

Cardiovascular and Interventional Radiological Society of Europe 2018 Portugal: "Occupational Radiation Exposure"

Cathlab Associates of Philippines 2017, 2018: "Radiation Safety"

Philippine Society of Cardiovascular Catherization 2017: "Occupational Radiation Safety".

Israel Vascular Surgery Annual Congress 2017: "Radiation in Vascular Surgery."