Meet the Professor from Asian Countries 2

Robotics and other innovations in Rhinology- Research and clinical applications in Hong Kong

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Innovations in technology have always changed the way how we manage our patients, from early diagnosis, precise intervention to better monitoring and prevention of recurrences. Throughout research in rhinology within the Chinese University of Hong Kong, we have pioneered methods from imaging to liquid biopsy for diagnosing nasopharyngeal cancers, proving its efficacy in large scale clinical studies. Further, we worked on utilizing various tools including assis-

tive surgical robots in cadaveric and clinical studies (the FREE robot) for endoscopic sinonasal surgeries. Last but not least, we are working on ways of cloud data collection for AI image diagnosis as well as telepresence robotics for communicating with our patients after they have left home. We believe that some of those technology projects will have impact in how we manage our patients in the next decade.