



## Inventors of NJ Toothbrush

About the inventors of NJ Toothbrush

Professor L.J. Jin, Clinical Professor, Faculty of Dentistry  
Dr T.C. Ng, Honorary Associate Professor, Faculty of Dentistry

### **Professor L.J. Jin 金力堅教授**

Prof. L.J. Jin is the Modern Dental Laboratory Professor in Clinical Dental Science (Endowed Professor) and Professor of Periodontology at the Faculty of Dentistry, The University of Hong Kong (HKU - <http://facdent.hku.hk>) (<https://www.topuniversities.com/university-rankings/university-subject-rankings/2017/dentistry>). He has consistently committed to teaching, research & scholarship, clinical & professional services, administration and knowledge exchange since joining HKU in 1994. He received the Fellowship in Dental Surgery (ad hominem) of the Royal College of Surgeons of Edinburgh, UK in 2007; and Fellowship of the International College of Dentists (FICD) in 2012. He has served as the editorial board members of J Dent Res (2010-2015), J Clin Periodontol (2011-), J Periodontol (2006-) and J Periodont Res (2007-).

Prof. Jin's research projects on periodontal etiopathogenesis, novel care strategy and approaches (e.g., nanotechnology and herbal medicine in oral/periodontal healthcare) and periodontal medicine have been funded with 9 competitive external grants from the Hong Kong Research Grants Council (RGC-GRFs). His team has obtained multiple international prizes. He has primarily supervised the research projects for 36 postgraduates; delivered more than 190 invited lectures nationally/internationally; and published over 190 journal papers/book chapters.

### **Dr T.C. Ng 伍士銓醫生**

Dr T.C. Ng, a local dentist also a designer of precision tools for space exploration. He designed the sampling tool carried by 2003 European Space Agency Beagle 2 Mars Spacecraft landed on the red planet in 2003.

He thinks the NJ Toothbrush is the most logical TB Design in the world according to the knowledge of dentistry. It is based on his experience in designing space End Effectors mounted on the robotic arm for Mars Exploration.

"I know the secrets of precision gripping. Brushing is gripping in motion mode," he said.