

Curriculum Vitae

Raymond Jong Tae Kim
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Rhinologist

Auckland City Hospital, Starship Children's Hospital, Mauranui Clinic, Gillies Hospital

Senior Lecturer

Department of Surgery, The University of Auckland, New Zealand

Academic Degrees and Qualifications

Fellow of Royal Australasian College of Surgeons, FRACS	2019
Doctor of Philosophy (PhD) in Surgery, The University of Auckland	2016
Bachelor of Medicine and Surgery (MBChB), The University of Auckland	2007
Bachelor of Human Biology (BHB), The University of Auckland	2004

Employment history

Sep 2020 –	Auckland City Hospital & Starship Children's Hospital Mauranui Clinic, Gillies Hospital Department of Surgery, University of Auckland
July 2019 – Aug 2020	Clinical Instructor (Fellow) in Advanced Sinus and Skull Base Surgery Stanford University, CA, USA
Dec 2010 – June 2019	Otorhinolaryngology Head & Neck Surgery trainee, under supervision of Royal Australasian College of Surgeons - employed by the Northern Regional Alliance Ltd (NRA) and worked throughout DHBs in Auckland and Waikato Hospital
Dec 2010 – Dec 2013, Jan 2015 – Dec 2015	PhD Candidate / Research Fellow, Department of Surgery The University of Auckland, New Zealand
Nov 2007 – Dec 2010	Intern (House Officer) and junior registrar in Auckland regional hospitals - ORL, Urology, Emergency Medicine, Burns / Plastic Surgery, General Medicine

Research and salary grants

2019-2023	Garnett Passe & Rodney Williams Foundation Academic Surgeon Fellowship	AUD 420,000
2015	The University of Auckland Department of Surgery Research Fellowship	NZD 79,016
2012-2013	Green Lane Research and Education Board – Senior Fellowship	NZD 140,000
2012	Green Lane Research and Education Board – project grant	NZD 12,133.50
2011	Brian Johns Fellowship Award	NZD 50,000

Publications

1. **Kim R. J. T.**, Izzard, M. E. & Patel R. S. (2011) Supraclavicular artery island flap for reconstructing defects in the head and neck region. *Current Opinion in Otolaryngology & Head and Neck Surgery*, 19(4), 248–250.
2. **Kim R.**, John S., Law A., Barber C. & Douglas R. (2012). Endoscopic resection of neonatal nasopharyngeal teratoma. *ANZ Journal of Surgery*, 82(1-2), 80–81.
3. **Kim R. J. T.** & Douglas R. G. (2012). Perioperative care for functional endoscopic sinus surgery. *The Otorhinolaryngologist*, 5(1), 27–30.
4. **Kim R.**, Freeman J., Waldvogel-Thurlow S., Roberts S. & Douglas, R. (2013). The characteristics of intramucosal bacteria in chronic rhinosinusitis: a prospective cross-sectional analysis. *International Forum of Allergy & Rhinology*, 3(5), 349–354.
5. **Kim R. J. T.**, Yin T., Chen C.-J. J., Mansell C. J., Wood A., Dunbar P. R. & Douglas R. G. (2013). The interaction between bacteria and mucosal immunity in chronic rhinosinusitis: A prospective cross-sectional analysis. *American Journal of Rhinology and Allergy*, 27(6), 183–189.
6. Blair D., **Kim R.**, Mills N., Barber C. & Neeff M. (2013). A heuristic approach to foreign bodies in the paediatric airway. *Int J Ped Otorhinolaryngol*, 78:2262-2266.
7. Jain R., **Kim R.**, Waldvogel-Thurlow S., Hwang P., Cornish J. & Douglas, R. G. (2015). The effects of topical agents on paranasal sinus mucosa healing: a rabbit study. *Int Forum Allergy & Rhinology* 5(4):31-317
8. **Kim R.**, Park L., Wood A. J., Yin T., Jain R. & Douglas R. G. (2015). Chronic rhinosinusitis and cystic fibrosis: the interaction between sinus bacteria and mucosal immunity. *Int Forum Allergy & Rhinology* 5(5):380-385
9. **Kim R.**, Biswas K., Hoggard M., Taylor M. W. & Douglas R. G. (2015). Paired analysis of the microbiota of surface mucus and whole-tissue specimens in patients with chronic rhinosinusitis. *Int Forum Allergy & Rhinology* 5(10):877-883
10. **Kim R.**, Chang G., Hu R., Phillips A., Douglas R. (2016). Connexin gap junction channels and chronic rhinosinusitis. *Int Forum Allergy & Rhinology*, 6(6):611-617
11. Lee I., et al. (2020). ACE2 localizes to the respiratory cilia and is not increased by ACE inhibitors or ARBs. *Nature Comm* 11(1):1-14
12. **Kim R.**, Patel Z. (2020) Sinus headache: differential diagnosis and an evidence-based approach. *Otolaryngol Clin North Am* 53(5):897-904
13. Orlandi R., et al. (2021). International consensus statement on allergy and rhinology: rhinosinusitis 2021. *Int Forum Allergy Rhinol* 11(3):213-739
14. Smith SS, **Kim R.**, Douglas R. Is there a role for antibiotics in the treatment of chronic rhinosinusitis? *J Allergy Clin Immun.* 2022;149(5):1504-1512. doi:10.1016/j.jaci.2022.02.004
15. Hale SJM, Mackenzie BW, Lux CA, Biswas K, **Kim R.**, Douglas RG. Topical Antibiofilm Agents With Potential Utility in the Treatment of Chronic Rhinosinusitis: A Narrative Review. *Front Pharmacol.* 2022;13:840323. doi:10.3389/fphar.2022.840323
16. McLaren H, **Kim R.**, MacFater W, Neeff M, Jellic T, Douglas R. Factors affecting clinic attendance for children referred with middle ear conditions. *ANZ Journal of Surgery* 2022; 92(12):3264-3267

17. Hale SMJ, Lux CA, Kim R, et al. *In vitro* Nasodine can be an effective antibiofilm agent for biofilms that may cause CRS. *The Laryngoscope* (*in press*)

Textbook chapters

Kim R, Hwang P. (2020) Bronchiectasis and chronic rhinosinusitis. In: Gudis D., Schlosser R. (eds) *The Unified Airway*. Springer, Cham. https://doi.org/10.1007/978-3-030-50330-7_11

Yin T, Kim R. Bacteria, viruses and fungi in health and disease. In: Swift A., Currie S., Souza C. *Contemporary Rhinology: Science and Practice* (*in press*)

Reviewer for International Academic Publications

International Forum of Allergy & Rhinology
Laryngoscope Investigative Otolaryngology

Presentations

1. *Encephalocoel at Middlemore Hospital 1985 – 2006*
The Australian & New Zealand Society of Craniomaxillofacial surgeons Annual Meeting (2006)
2. *Airway foreign bodies: Starship Children's Hospital experience*
South Pacific ORL Forum, Fiji (2009)
3. *Endoscopic resection of neonatal nasopharyngeal teratoma*
Annual General & Scientific Meeting, New Zealand Society of Otolaryngology Head & Neck Surgery (2010)
4. *The characteristics of intramucosal bacterial in chronic rhinosinusitis: a prospective cross-sectional analysis*
58th Annual meeting of American Rhinologic Society, Washington DC (2012)
5. *The interaction between bacterial and mucosal immunity in chronic rhinosinusitis: a prospective cross-sectional analysis*
20th World Congress, International Federation of Otorhinolaryngologic societies, Korea (2013)
6. *Chronic rhinosinusitis and cystic fibrosis: the interaction between sinus bacteria and mucosal immunity*
Combined Otolaryngology Spring Meetings, Las Vegas (2014)
7. *Advancements in the understanding of microbiology and innate immunity in chronic rhinosinusitis* [invited speaker]
67th Annual General and Scientific Meeting, New Zealand Society of OHNS, Rotorua (2014)
8. *Double blinded randomized placebo controlled trial of rifampicin and doxycycline for chronic rhinosinusitis*
61st Annual meeting of American Rhinologic Society, Dallas (2015)
9. *Connexin gap junction channels and chronic rhinosinusitis*
61st Annual meeting of American Rhinologic Society, Dallas (2015)
10. *Rhinology Research update* [invited speaker]
New Zealand Northern Regional ORL Group Annual Scientific meeting (2020)
11. *Who knows noses – paediatric care, perspective from rhinologists* [invited speaker]
Australia New Zealand Society of Paediatric ORL Annual Scientific meeting (2021)
12. *Paediatric Rhinology Panel* [invited speaker / co-programme director]
Australia New Zealand Society of Paediatric ORL Annual Scientific meeting (2022)

13. *Paediatric sinus surgery* **[invited speaker]**
 NZ Society of Otolaryngology Head & Neck Society Annual Scientific Meeting (2022)
14. *Medical therapy for chronic rhinosinusitis* **[invited panelist]**
 15th Asia Oceania ORL-HNS Congress, Brisbane, Australia (2023)
15. *Novel solute & nasal irrigation system*
 Combined Otolaryngology Spring Meetings, Boston (2023), and
 South Pacific ORL Forum, Fiji (2023)
16. *Neoadjuvant therapy vs upfront surgery for sinonasal tumours* **[invited panelist]**
 South Pacific ORL Forum, Fiji (2023)

Relevant courses

Care of Critically Ill Surgical Patients (CCrISP)	2009
Early Management of Severe Trauma (EMST)	2010
Airway skills "Bootcamp", Starship Children's Hospital, Auckland	2013
Temporal bone course, Modbury, Australia	2013
Temporal bone course, Green Lane Hospital, Auckland	2014, 2016
The University of Auckland FESS Course, Auckland	2016
Head and Neck Dissection Course, Brisbane	2017
Advanced FESS Course, The University of Adelaide	2017
Stanford Endoscopic Endonasal Skull Base Surgery: Hands-on Course, CA, USA	2019

Course co-ordinator

Stanford Resident Sinus Surgery Course, Stanford University	2019
Auckland Sinus Surgery Course, University of Auckland	2022
Auckland Head & Neck Surgery and Rhinoplasty Course	2023
Auckland Sinus Surgery, Course, University of Auckland	2024