



Personal Profile

Contact Information

Name : Thongchai Bhongmakapat

Address (office) : Department of Otolaryngology,
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Personal Information

Year of Birth : 1965

Place of Birth : Prachinburi , Thailand

Citizenship : Thailand

Main Positions (Appointments)

Academic :

1993 Staff Member, Department of Otolaryngology,
Faculty of Medicine, Ramathibodi Hospital, Mahidol University, Bangkok, Thailand

1996 Fellow, Department of Otolaryngology,
Faculty of Medicine, Ramathibodi Hospital, Mahidol University, Bangkok, Thailand

2004 Assistant Professor

Administrative :

2009-present Deputy, Head Department of Otolaryngology , Faculty of Medicine,
Ramathibodi Hospital , Mahidol University

Education

High School :

University :

- 1990 Medical degree (Second Honors), Mahidol University, Bangkok, Thailand
- 1994 Certificate in Sciences (Otolaryngology), Mahidol University, Bangkok, Thailand
- 1996 Certificate of Proficiency in Oto-Rhino-Laryngology, The Medical Council, Thailand

Professional Training :

- 1990-1993 Practitioner, Department of Otolaryngology, Ramathibodi Hospital, Mahidol University
- 1993-1996 Residency Training in Otolaryngology, Faculty of medicine, Ramathibodi Hospital
- 1996-1997 Fellow, Department of Otolaryngology, Ramathibodi Hospital, Mahidol University

Medical Licenses :

Honors and Awards :

Publication :

(Original article, Review, Abstract, Presentation, Books, Chapter in books, Others)

- Research Publications

1. Anh, N.Q., Numthavaj, P., **Bhongmakapat, T.** Comparison of the Cerumenolytic Activities of New and Currently Used Agents. Ear, Nose and Throat Journal 2022; 101(2): 31S-36S
2. Chousangsuntorn, K., **Bhongmakapat, T.**, Apirakkittikul, N., Sungkarat, W., Supakul, N., Laothamatas, J. Upper Airway Areas, Volumes, and Linear Measurements Determined on Computed Tomography During Different Phases of Respiration Predict the Presence of Severe Obstructive Sleep Apnea. Journal of Oral and Maxillofacial Surgery 2018;76(7): 1524 - 1531
3. Chousangsuntorn, K., **Bhongmakapat, T.**, Apirakkittikul, N., Sungkarat, W., Supakul, N., Laothamatas, J. Computed Tomography Characterization and Comparison with Polysomnography for Obstructive Sleep Apnea Evaluation. Journal of Oral and Maxillofacial Surgery 2018;76(4):854-872
4. Larbcharoensub, N., Wattanatranoon, D., Leopairut, J., Suntisuktana, S., Roongpupaht, B., Chintrakarn, C., Tungkeeratchai, J., Praneetvatakul, P., **Bhongmakapat, T.**, Cheewaruangroj, W., Prakunhungsit, S. Clinicopathologic findings and treatment outcome of laryngectomized patients with laryngeal cancer and

hypopharyngeal cancer: An experience in Thailand. *Asian Pacific Journal of Cancer Prevention* 2017;18(8):2035-2042

5. Numthavaj, P., **Bhongmakapat, T.**, Roongpuwabaht, B., Ingsathit, A., Thakkinstian, A. The validity and reliability of Thai Sinonasal Outcome Test-22. *European Archives of Oto-Rhino-Laryngology* 2017; 274(1): 289-295
6. Rattanalappaiboon, S., **Bhongmakapat, T.**, Ritthipravat, P. Fuzzy zoning for feature matching technique in 3D reconstruction of nasal endoscopic images. *Computers in Biology and Medicine* 2015; 67 :83-94
7. Tuntiyatorn, L., Fusuwankaya, E., Sawangsilpa, T., **Bhongmakapat, T.** CT perfusion in predicting treatment response of nasopharyngeal carcinoma. *Journal of the Medical Association of Thailand* 2014;97(3):333-341
8. Ritthipravat, P., Kumdee, O., **Bhongmakapat, T.** Efficient missing data technique for prediction of nasopharyngeal carcinoma recurrence. *Information Technology Journal* 2013; 12(6):1125-1133
9. Tungkeeratchai, J., **Bhongmakapat, T.**, Saitongdee, P., Orathai, P. The surgical landmark for facial foramen. *Otorhinolaryngology Clinics* 2013;5(3):6-9
10. Tungkeeratchai, J., **Bhongmakapat, T.**, Saitongdee, P., Orathai, P. A new external landmark for mental foramen. *Otorhinolaryngology Clinics* 2013;5(1): 29-33
11. Tungkeeratchai, J., **Bhongmakapat, T.**, Saitongdee, P., Orathai, P. The surgical landmark for facial foramen. *Otorhinolaryngology Clinics* 2013; 5(3):121-124
12. Sarasaen, C., **Bhongmakapat, T.**, Hemtiwakorn, K., Laothamatas, J., Pintavirooj, C. Computational Fluid Dynamic (CFD) in Thai patient with Obstructive Sleep Apnea Syndrome (OSAS) - A case report: Comparative study between healthy and OSA subject. 5th 2012 Biomedical Engineering International Conference, BMEiCON 2012
13. Kumdee, O., **Bhongmakapat, T.**, Ritthipravat, P. Prediction of nasopharyngeal carcinoma recurrence by neuro-fuzzy techniques. *Fuzzy Sets and Systems* 2012; 203 :95-111
14. Linasmita, P., Srisangkaew, S., Wongsuk, T., **Bhongmakapat, T.**, Watcharananan, S.P. Evaluation of real-time polymerase chain reaction for detection of the 16s ribosomal RNA gene of mycobacterium tuberculosis and the diagnosis of cervical. *Clinical Infectious Diseases* 2012;55(3):313-321
15. **Bhongmakapat, T.**, Kantapasuantara, K., Praneevatakul, P. A small absorbable stent for treatment of anterior glottic web. *Journal of Voice* 2012;26(2):259-261

16. Chanapai, W., **Bhongmakapat, T.**, Tuntiyatorn, L., Ritthipravat, P. Nasopharyngeal carcinoma segmentation using a region growing technique. *International Journal of Computer Assisted Radiology and Surgery* 2012;7(3):413-422
17. Kasemsuwan, L., Cheewaruangroj, W., Tungkeeratchai, J., **Bhongmakapat, T.**, Lertsukprasert, K., Thawin, C., Tiravanitchakul, R., Dara, R., Orathai, P. Audiological Outcomes of Cochlear Implantation in Ramathibodi Hospital. *Journal of the Medical Association of Thailand* 2011;94(11):1380-1386
18. Kasemsuwan, L., Cheewaruangroj, W., Tungkeeratchai, J., **Bhongmakapat, T.**, Thawin, C., Lertsukprasert, K., Tiravanitchakul, R., Dara, R., Laothamatas, J. Fourteen-years experience with cochlear implantation in ramathibodi hospital. *Journal of the Medical Association of Thailand* 2010;93 (12): 1399-1405
19. Tatanun, C., Ritthipravat, P., **Bhongmakapat, T.**, Tuntiyatorn, L. Automatic segmentation of nasopharyngeal carcinoma from CT images: Region growing based technique. *ICSPS 2010 - Proceedings of the 2010 2nd International Conference on Signal Processing Systems* 2010;2: V2537-V2541
20. Kumdee, O., Seki, H., Ishii, H., **Bhongmakapat, T.**, Ritthipravat, P. Comparison of neuro-fuzzy based techniques in nasopharyngeal carcinoma recurrence prediction. *IEEE International Conference on Fuzzy Systems* 2009:1199-1203
21. Kumdee, O., Ritthipravat, P., **Bhongmakapat, T.**, Cheewaruangroj, W. Dealing with missing values for effective prediction of NPC recurrence. *Proceedings of the SICE Annual Conference* 2008:1290-1294
22. Ritthipravat, P., Tatanun, C., **Bhongmakapat, T.**, Tuntiyatorn, L. Automatic segmentation of nasopharyngeal carcinoma from CT images. *BioMedical Engineering and Informatics: New Development and the Future - Proceedings of the 1st International Conference on BioMedical Engineering and Informatics, BMEI* 2008;2:18-22
23. Larbcharoensub, N., Leopairat, J., Sirachainan, E., Narkwong, L., **Bhongmakapat, T.**, Rasmeepaisarn, K., Janvilisri, T. Association between multidrug resistance-associated protein 1 and poor prognosis in patients with nasopharyngeal carcinoma treated with radiotherapy and concurrent chemotherapy. *Human Pathology* 2008;39(6):837-845
24. Tungkeeratchai Jumroon, **Bhongmakapat T**, Kulapaditharom B, Larbcharoensub N, Inflammatory myofibroblastic tumor of the maxillary sinus mimicking , malignancy : a case report. *Thai J. Otolaryngol head neck surg .* 2007;8:39-43
25. Praneetvatakul, V., Kunachak, S., Euswas, C., Chintrakarn, C., Kulapaditharom, B., Tanpowpong, K.,

Cheewaruangroj, W., **Bhongmakapat, T.** CO2 laser surgery in otorhinolaryngology-site and complications: A 10-year experience at Ramathibodi Hospital. Journal of the Medical Association of Thailand 2001; 84(3):339-348

26. **Bhongmakapat T**, Prakunhungsit S, Kulapaditharom B. Otolaryngologic manifestatinons in HIV-infected Patients at Ramathibodi Hospital. Thai J Otolaryngol Head Neck Surg 2000;1:14-20

27. **Bhongmakapat T**, kantapasuantara K.A new minimally invasive procedure for treatment of anterior g;pttoc web/ Rama Med J 2000;23:45-50.

- Research Interest

1. Otologic Surgery
2. Head and Neck Surgery
3. Functional Endoscopic Sinus Surgery

- Book Publications

1. ธงชัย พงศ์มฆพัฒน์, ครรชิตเทพ ต้นเฝ้าพงษ์. สิ่งแปลกปลอมในหูคอ จมูก (foreign body in Otolaryngology) ใน : สุภาวดี ประคุณหังสิต บรรณาธิการ. ตำราโสต ศอ นาสิกวิทยา. กรุงเทพฯ : บริษัท โฮลิสติก พับลิชชิ่ง จำกัด 2550; 402-411
2. ธงชัย พงศ์มฆพัฒน์. มะเร็งช่องคอหลังโพรงจมูก (nasopharyngeal carcinoma). ใน : สุภาวดี ประคุณหังสิต บรรณาธิการ. ตำราโสต ศอ นาสิกวิทยา. กรุงเทพฯ : บริษัท โฮลิสติกพับลิชชิ่ง จำกัด 2550; 461-471
3. ธงชัย พงศ์มฆพัฒน์, บุญชู กุลประดิษฐารมณ. มะเร็งช่องคอหลังโพรงจมูก (nasopharyngeal carcinoma). ใน : สุภาวดี ประคุณหังสิต บรรณาธิการ. ตำราโสต ศอ นาสิกวิทยา. กรุงเทพฯ : บริษัทโฮลิสติกพับลิชชิ่ง จำกัด 2550 ; 472-485
4. ธงชัย พงศ์มฆพัฒน์ , ครรชิตเทพ ต้นเฝ้าพงษ์. สิ่งแปลกปลอมในหู คอ จมูก (Forien body in Otolaryngology) ใน : สุภาวดี ประคุณหังสิต สมยศ คุณจักร บรรณาธิการ. ตำราโสต ศอ นาสิกวิทยา กรุงเทพฯ : บริษัท โฮลิสติก พับลิชชิ่ง จำกัด 2544;359-68 (พิมพ์ครั้งที่ 1 ฉบับเรียบเรียงใหม่ครั้งที่ 1)