

Curriculum Vitae

CHUNG Ho Yin

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Qualifications:

- 2000 Bachelor of Medicine and Bachelor of Surgery, the University of Hong Kong
- 2005 Member of Royal College of Physicians (UK)
- 2009 Fellowship of Hong Kong College of Physicians
- 2009 Fellowship of Hong Kong Academy of Medicine

Employment:

- 2000-2001 Intern, Hospital Authority, Hong Kong
- 2001-2009 Resident, Hospital Authority, Hong Kong
- 2009-2014 Resident Specialist, Hospital Authority, Hong Kong
- 2014-2017 Associate Consultant, Hospital Authority, Hong Kong
- 2017 Clinical Assistant Professor, The University of Hong Kong

Experiences:

- 2010 Medical researcher, Leiden University, Netherlands
- 2010-2011 Partner, the *Devenir des Spondylarthropathies Indifférenciées Récentes* (DESIR) cohort, the Société Française de Rhumatologie and Institut National de la Santé et de la Recherche Médicale (Inserm)
- 2011-2012 Editor, the Hong Kong Bulletin on Rheumatic diseases
- 2011-2012 Council member, the Hong Kong Society of Rheumatology
- 2011-2014 Honorary clinical tutor, The University of Hong Kong
- Since 2012 Associate editor, the Hong Kong Bulletin on Rheumatic diseases
- 2014-2016 Interns coordinator, Department of Medicine, Queen Mary Hospital
- 2015-2017 Honorary Assistant Professor, The University of Hong Kong
- 2017 Advisor, International Conference of Chinese Rheumatologists 2017
- 2017-2018 Clinical Academic Advisor, the University of Hong Kong
- Since 2018 Council member, the Hong Kong Society of Rheumatology
- 2017-2018 Editor, Queen Mary Hospital 80th Anniversary Album
- Since 2018 Editor, International Journal of Rheumatic Diseases

Invited lectures:

- 2013 Spondyloarthritis MRI workshop, The University of Hong Kong
- 2015 Postgraduate Diploma in Diagnosis and Therapeutics in Internal Medicine, Rheumatology

- 2016 The 4th Medical Forum of Hong Kong University-ShenZhen Hospital
- 2016 International Conference of Chinese Rheumatologists 2016
- 2017 Japan Colleague of Rheumatology (JCR) International School 2017
- 2018 Spondyloarthritis workshop and forum, the Hong Kong University-ShenZhen Hospital
- 2018 Clinical Pathology Conference, Tseung Kwan O Hospital: A rheumatology conundrum --- which criteria should we follow.

Award/ Prize:

- 2014 The 9th Guangdong-Hong Kong Rheumatology Seminar Outstanding Free Paper Award Bronze Prize.
- 2014 Outstanding team 2014: Hong Kong West cluster cum Queen Mary Hospital
- 2018 The APLAR-Celltrion Best Abstract Award for APLAR 2018.

Oral presentation:

- 2018 Anterior thoracic fatty lesions in T1 Magnetic Resonance Imaging are useful for axial Spondyloarthritis diagnosis. (20th Asia Pacific League of Associations for Rheumatology Congress [APLAR 2018])

Support/ Grant for research:

- Hong Kong Rheumatology Society research fund (2013-14): Quantitative assessment of the Ankylosing Spondylitis severity by using Diffusion Weighted Imaging in 3T magnetic resonance imaging. (HK\$80,000)
- Novartis Grant (2017): Quantitative assessment of the Spondyloarthritis (SpA) severity by using Diffusion Weighted Imaging (DWI) in 3T magnetic resonance imaging. (HK\$500,000)
- Janssen sponsorship to MRI services for Spondyloarthritis patients (2017). (HK\$ 96,000)
- Seed Fund for Basic Research (2018): To assess the relationship between serum Dickkopf-1 and sclerostin levels with disease activity in patients with axial spondyloarthritis. (HK\$ 149, 925)
- Li Ka Shing faculty of Medicine Start Up Grant (2018): The burden of cerebrovascular disease in axial spondyloarthritis. (HK\$ 379, 967.6)

Publications:

Original articles

1. Chung HY*, Nigel TJ Smith, Yeung CK, Mok MY. Degos' disease: a rare condition simulating rheumatic diseases. Clin Rheumatol 2009; 28: 861-863

2. **Chung HY***, Lau CS, Wu KP, Wong WS, Mok MY. Comparison of performance of the Assessment of SpondyloArthritis International Society, the European Spondyloarthropathy Study Group and the modified New York criteria in a cohort of Chinese patients with spondyloarthritis. *Clin Rheumatol*. 2011 Jul; 30(7): 947-53.
3. **Chung HY***, Machado P, van der Heijde D, D'Agostino MA, Dougados M. HLA-B27 positive patients differ from HLA-B27 negative patients in clinical presentation and imaging: results from the DESIR cohort of patients with recent onset axial spondyloarthritis. *Ann Rheum Dis*. 2011 Nov; 70(11): 1930-6.
4. **Chung HY***, Mok MY, Wong WS, Lau CS. Improvement in diagnostic delay in spondyloarthritis patients over time but disease control is still inadequate. *Hong Kong Bulletin on Rheumatic Disease* 2011 Dec; 11(2): 48-52
5. **Chung HY***, Machado P, van der Heijde D, D'Agostino MA, Dougados M. Smokers in early axial spondyloarthritis have earlier disease onset, more disease activity, inflammation and damage, and poorer function and health related quality of life: results from the DESIR cohort. *Ann Rheum Dis* 2012 Jun; 71(6): 809-16. (Editor's choice)
6. **Chung HY***, Cynthia YY Chan, Tsang HHL, Au YL, Lau CS. The socio-economic impacts on household income, employment status, need for public assistance, and marriage opportunities in patients with Spondyloarthritis: A comparison with the Hong Kong population. *Hong Kong Bull Rheum Dis* 2013; 13: 39-46.
7. Au YL, Wong WS, Mok MY, **Chung HY**, Chan E, Lau CS. Disease activity assessment in ankylosing spondylitis in a Chinese cohort: BASDAI or ASDAS? *Clin Rheumatol*. 2014 Jul 1.
8. Ngan W, Chiu PK, **Chung HY**. Primary Sjogren Syndrome masquerading as a false-positive Venereal Disease Research Laboratory and Fluorescent Treponemal Antibody Absorption Test in an elderly woman. *J Am Geriatr Soc*. 2014 Sep; 62(9):1817-1818.
9. Chen Y*, **Chung HY***, Zhao CT, Wong A, Zhen Z, Tsang HHL, Lau CS, Tse HF, Yiu KH Left ventricular myocardial dysfunction and premature atherosclerosis in patients with axial Spondyloarthritis *Rheumatology(Oxford)*. 2015 Feb; 54(2): 292-301.
10. Wong PYS, **Chung HY^**, A patient suffering from rapidly progressive peripheral Spondyloarthritis. *Hong Kong Bull Rheum Dis*. 2015; 15:57-61.
11. KMK Ng, TT Cheung, CS Lau, **HY Chung*** The role of magnetic resonance imaging in a patient with rheumatoid arthritis presented with lymphedema-like swelling: a case report. *Hong Kong Bull Rheum Dis*. Nov 2016.
12. CWS Chan, HHL Tsang, CS Lau, **HY Chung^**. Male smokers with HLA-B27 positivity, SI joints inflammation have more radiological damages and higher prevalence of AS while females have higher BASDAI scores: observations from cluster analyses of a group of SpA patients. *Hong Kong Bull Rheum Dis*. 2016; 16(2): 42-47.

13. Cynthia YY Chan, Tsang HHL, Lau CS, **Chung HY**[^]. Prevalence of depressive and anxiety disorders and validation of the Hospital Anxiety and Depression Scale as a screening tool in Axial Spondyloarthritis patients. *Int J Rheum Dis.* 2017 Mar; 20(3): 317-325.

14. **Chung HY**^{*}, X. Xu, V Lau, G Ho, KL Lee, P Li, H Tsang, SK Kwok, CS Lau, CS Wong. Comparing diffusion weighted imaging (DWI) with clinical and blood parameters, and with short tau inversion recovery (STIR) sequence in detecting spinal and sacroiliac (SI) joint inflammation in axial Spondyloarthritis (axSpA). *Clin Exp Rheumatol*, 2017 Mar-Apr; 35(2):262-269.

15. Liu JH, Ng MY, Cheung T, **Chung HY**, Chen Y, Zhen Z, Zou Y, Mak KF, Khong PL, Lau CS, Tse HF, Yiu KH. Ten-year progression of coronary artery, carotid artery, and aortic calcification in patients with rheumatoid arthritis. *Clin Rheumatol.* 2017 Apr; 36(4): 807-816.

16. Tsang HHL, **HY Chung**[^] The discriminative values of BASDAI, ASDAS, C-reactive protein and erythrocyte sedimentation rate in spondyloarthritis related axial arthritis. *J Clin Rheumatol.* 2017 Aug; 23(5):267-272.

17. CWS Chan, **HY Chung**, CS Lau, HHL Tsang. Spontaneous pneumomediastium in a dermatomyositis patient with anti-melanoma differentiation-associated gene-5 antibody and interstitial lung disease despite an initial response to immunosuppressant. *Int J Rheum Dis.* 2017 Jun 4. Doi:10.1111/1756-185X. 13112.

18. PH Li, TJ Watts, MS Lui, CS Lau, **HY Chung**[^]. Recall Urticaria in Adalimumab Hypersensitivity. *J Allergy Clin Immunol Pract.* 2017 Nov 22. pii: S2213-2198(17)30877-2. Doi: 10.1016/j.jaip.2017.10.03

19. OM Wong, HHL Tsang, SCW Chan, KH Lee, PH Li, CS Lau, **HY Chung**[^]. Clinical associations of uveitis in Axial Spondyloarthritis group and Ankylosing Spondylitis group: do they represent the same disease? *J Clin Rheumatol.* 2018 Jun 20.

20. Chan CWS, Tsang HHL, Li PH, Lee KH, Lau CS, Wong PYS, **Chung HY**[^]. Diffusion-weighted imaging versus short tau inversion recovery sequence: Usefulness in detection of active sacroiliitis and early diagnosis of axial spondyloarthritis. *PLoS one.* 2018 Aug 7; 13(8).

*First author; [^] Corresponding author

Review articles

1. **Chung HY**^{*}, Mok MY. Early diagnosis of spondyloarthropathies. *Hong Kong Medical Journal* 2006; 11:3

2. Chung HY* Mok MY, Lo Y, Wong RW. Eligibility of anti-tumour necrosis factor- α treatment in patients with ankylosing spondylitis in Hong Kong according to the Assessment of SpondyloArthritis (ASAS) group recommendation. Hong Kong Medical Journal 2009;1: S1 p15

3. HL Tsang, HY Chung, MY Mok, CS Lau. Kinase Inhibitors for the Treatment of Rheumatoid Arthritis. Hong Kong Bulletin on Rheumatic Diseases 2012; 12: 43-49.

4. Chung HY*, Update on treatments in spondyloarthritis. Journal of the Society of Physicians of Hong Kong; Jan 2013; vol 5, no 1; 8-9.

5. Chung HY*^. Hong Kong Research Review Education Series: Axial Spondyloarthritis. 2014.

6. Chung HY*, Arthritis is a common, often overlooked, manifestation of IBD. IBD newsletter, issue 11 Jun 2018.

*First author; ^ Corresponding author

Interview by social media

- 2014 Radio Television Hong Kong (RTHK)