

Curriculum Vitae

Name Mohammad Ayodhia Soebadi, MD, PhD
E-mail yodisoebadi@gmail.com
Date of Birth 15 November 1980, Surabaya
Nationality Indonesian

Education & Professional Training

2003 Sarjana Kedokteran (S.Ked)
Faculty of Medicine, Airlangga University, Surabaya, Indonesia
2005 Medical Doctor (dr.)
Faculty of Medicine, Airlangga University, Surabaya, Indonesia
2012 Urologist (Sp.U)
Dr Soetomo Hospital, Faculty of Medicine, Airlangga University, Indonesia
2020 Doctor of Philosophy (Ph.D), Biomedical Sciences
KU Leuven, Belgium

Current posts

2012- Assistant Professor in Urology, Dept of Urology Dr Soetomo Academic Hospital
Faculty of Medicine, Airlangga University

Languages

Indonesian (native), English (TOEFL iBT 114), Dutch (B2/ITNA), German (C1/ZMP), French (DELF/DALF A1).

Additional Training

Nov 2005- Jan 2006 Clinical Observership, Department of Urology & Department of General Surgery, Singapore General Hospital
2004 Primary Trauma Care Course, Surabaya
2005 Advanced Trauma Life Support, Singapore
2005 Advanced Cardiac Life Support, Singapore
2005 Teach the teachers: Evidence Based Practice Workshop, Bond University, Gold Coast, Australia
2007 Jakarta International Clinical Epidemiology Course, Jakarta, Indonesia
2007 Basic Surgical Skills Course, Surabaya, Indonesia
2008 Advanced Course on Clinical Trials Methodology, Jakarta, Indonesia
2010 AsiaLink CE-EBM Systematic Review/Meta-analysis Workshop, Jakarta
2010 Course on Urological Ultrasound, University of Indonesia, Jakarta
2010 Good Clinical Practice Course, Airlangga University, Indonesia
25-26 May 2012 ICS Educational Course – Management of Urinary Incontinence, Jakarta
9-11 Nov 2012 5th ESU Masterclass on Female and Functional Reconstructive Urology
Nov 2012 Clinical fellowship, Functional Urology, Department of Urology, Maastricht University Medical Center
15-19 Mar 2013 EAU Congress Milan 2013
16 Mar 2013 ESU/ESUT Hands-on training in Green light laser vaporisation
16 Mar 2013 ESU Course Prolapse management and female pelvic floor problems
17 Mar 2013 ESU Course on Lower Urinary Tract Dysfunction and Urodynamics
17 Mar 2013 ESU Hands-on Training Course on Urodynamics
2 May 2013 Training on Biostatistics. Department of Public Health and Preventive Medicine, Faculty of Medicine, Airlangga University.
3-4 May 2013 Workshop on Evidence-Based Medicine, Surabaya. 5th meeting of the Indonesia Clinical Epidemiology & Evidence-Based Medicine Network.
7-8 June 2013 Symposium and Workshop on Kidney Transplantation, Bogor, Indonesia
8-12 September 2013 33rd Congress of the Societe International d'Urologie, Vancouver

22-26 October 2013	World Congress on Endourology
Jan-Mar 2014	Clinical fellowship, Neurourology and Functional Reconstruction, Department of Urology, University Hospitals Leuven Gasthuisberg
July 2015	Laboratory Animal Science Course (FELASA B), Prof Erna Dewil, KU Leuven
27 September 2015	Andrology Certificate Course – American Society of Reproductive Medicine
20 May 2017	The Pudendal Nerve – Biannual Belgian Laparoscopic Urology Group Symposium with Belgian Association of Urology working group functional Urology, Brussels, Belgium
17 November 2015	Course on Statistics (30 hours), KU Leuven, Belgium
18 November 2015	Statistical Thinking and Smart Experimental Design – VIB, Leuven, Belgium
20-21 November 2015	Tribute to Uro-Oncology, Leuven, Belgium
19-26 January 2016	Survival Analysis in R, Flanders Training Network for Methodology and Statistics (FLAMES)
12-14 October 2017	European Lower Urinary Tract Symptoms meeting, Berlin, Germany
17-18 October 2017	SIU Semi Live GURS Workshop, Lisbon Portugal
18 January 2018	European Academy of Andrology educational course, Leuven, Belgium
5-7 November 2018	Masterclass of Genito-Urethral Reconstructive Urology, London, UK
23-25 January 2020	22 nd Congress of the European Society of Sexual Medicine, Prague, Czech Republic
5 December 2019	Insight in Functional Urology, Persatuan Kontinensi Indonesia

Conference Presentations & Invited Speakers

10 September 2015	“Student-led medical education
6 December 2013	“Stress or Urge Incontinence” – PIT Perkina
2 March 2016	“Novel assessment techniques for in vivo bladder physiology” Leuven meets AUA – EAU-AUA International Academic Exchange Programme
3-4 December 2015	“The muscarinic control of the detrusor changes in a rat model of neurogenic detrusor overactivity” – The 2nd International Congress on Underactive Bladder, Denver, USA
7 December 2016	“The current role of endoscopic realignment in PFUI” – Workshop on Reconstructive Urology – Annual Scientific Meeting of the Indonesian Urological Association 2016
8 December 2016	“The role of urodynamics on diagnosis of bladder outlet obstruction” - Annual Scientific Meeting of the Indonesian Urological Association 2016
13-16 September 2016	46 th Annual Meeting of the International Continence Society, Tokyo Japan
11 December 2016	“Urinary incontinence: how to diagnose properly” – Workshop on Functional Urology – Annual Scientific Meeting of the Indonesian Urological Association 2016
15 Agustus 2017	“Stem Cells in Male Sexual Dysfunction” – Dr Soetomo Hospital
16 March 2017	“Novel assessment techniques for in vivo bladder physiology” Leuven meets CUA – EAU-CUA International Academic Exchange Programme
24-28 March 2017	“A wearable biosensor for the bladder: Study of awake bladder urodynamics in a large animal model” – Innovations in urodynamics and diagnostics, 32 nd Annual EAU Congress London, United Kingdom.
12-15 September 2017	47 th Annual Meeting of the International Continence Society, Florence, Italy
16-20 March 2018	“Real life data on mirabegron in neurogenic bladder dysfunction” – New conservative treatment options in functional urology, 33 rd Annual EAU Congress Copenhagen, Denmark.
10 August 2018	“Bladder pain syndrome: from bench to bedside” – Symposium on Functional Urology, 35 th Fiesta Urology, Surabaya, Indonesia
11 August 2018	“OAB treatment in elderly patient: what should be taken into considerations?” – Symposium on Overactive Bladder, 35 th Fiesta Urology, Surabaya, Indonesia
3-6 September 2019	49 th Annual Meeting of the International Continence Society, Gothenburg, Sweden – “Multipoint acceleration in the bladder wall: A novel measure of bladder activity”
15-19 March 2019	“Testosterone associated relaxation of corpus cavernosum of patients with erectile dysfunction: Are non genomic pathways involved?”, 34 th Annual EAU Congress.
10 March 2020	“Water vs Air filled catheters for Urodynamics” – presentation for the Working Group Functional Urology, Belgian Association of Urology.
16 June 2020	“Update on Urogenital Trauma” – Malang Continuing Urological Education

27 July 2020 “Anterior Urethral Trauma” - I SEE U IUA Webinar “Genitourinary Reconstruction and Trauma in Urology

Awards & Grants

2005 Bond University scholarship for EBP workshop attendance
2012 EdUro foundation educational grant
2015 NIH-funded travel grant to the 2nd CURE-UAB Congress
2016 Indonesian Education Scholarship from Indonesian Endowment for Education (LPDP)
2016 International Continence Society Conference Travel Grant

Professional Society Memberships

Member of Ikatan Dokter Indonesia (IDI), Ikatan Ahli Urologi Indonesia (IAUI), Persatuan Kontinensi Indonesia (Perkina), European Association of Urology, and International Continence Society

Committee memberships

2012-2015 Public Service Committee, Ikatan Dokter Indonesia (IDI) Surabaya Chapter
2015-2018 Scientific Committee, Persatuan Kontinensi Indonesia (Perkina)
2017-2020 Scientific Committee, Ikatan Ahli Urologi Indonesia (IAUI) East Java Chapter
2018-2021 International Affairs Committee, Persatuan Kontinensi Indonesia (Perkina)
2020-2023 Training and Professional Development Section, Ikatan Ahli Urologi Indonesia (IAUI) Surabaya Chapter

List of Publications

Articles in peer-reviewed journals

Soebadi MA, Moris L, Castiglione F, Weyne E, Albersen M. Advances in stem cell research for the treatment of male sexual dysfunctions. *Curr Opin Urol* 2016;26:129-39.

Soebadi MA, Milenkovic U, Weyne E, Castiglione F, Albersen M. Stem Cells in Male Sexual Dysfunction: Are We Getting Somewhere? *Sex Med Rev* 2017;5:222–35.

Weydts T, Brancato L, Soebadi MA, Ridder D De, Puers R. A novel method to investigate bladder wall behavior by acceleration and pressure sensing. *Sensors Actuators A Phys.* 2018 280:376-382

Weyne E, Hannan JL, Gevaert T, Soebadi MA, Matsui H, Castiglione F, van Renterghem K, De Ridder D, Van der Aa F, Bivalacqua TJ, Albersen M. Galanin Administration Partially Restores Erectile Function After Cavernous Nerve Injury and Mediates Endogenous Nitric Nerve Outgrowth In Vitro. *J Sex Med.* 2018;15(4):480-491.

Soebadi MA, Hakim L, Van der Aa F, De Ridder D. Real-Life Data on Mirabegron in Neurogenic Bladder Dysfunction. *Urol Int.* 2019;103(2):195-201

Van den Broeck T*, Soebadi MA*, Falter A, Raets L, Duponselle J, Lootsma J, Heintz A, Philtjens U, Hofkens L, Viedma AG, Driesen, K, Sandner P, Albersen M, Brone B, van Renterghem K. Testosterone induces relaxation of human corpus cavernosum tissue of patients with erectile dysfunction. *Sex Med* 2020 Mar;8(1):114-119. * Shared first authorship.

- Soebadi MA, Bakula M, Hakim L, Puers R, De Ridder D. Wireless intravesical device for real-time bladder pressure measurement. *PLoS One* 2019 Dec 2;14(12):e0225821
- Soebadi MA, Weydts T, Brancato L, Hakim L, Puers R, De Ridder D. A Novel Implantable Pressure and Acceleration Sensor for Bladder Monitoring. 2020 Apr 7. *Int J Urol* 2020;27:543-550
- Sriyono S, Santoso A, Djojodimedjo T, Soebadi MA, Pudjirahardjo WJ. Diagnostic Value of Ureteric Jet Frequency Examination using Color Doppler Ultrasonography to Predict Success of Retrograde DJ Stent Insertion in Uterine Cervicis Carcinoma patients with Hydronephrosis. *Indones J Urol.* 2015;22: 34–38. doi:10.32421/juri.v22i1.95
- Soebadi MA, Djojodimedjo T, Wirjopranoto S, Widodo JP. Prostatic capsular artery resistive index and male bladder outlet obstruction. *Indones J Urol.* 2013;20: 44–48. doi:10.32421/juri.v20i1.46
- Wardhana SA, Soebadi MA, others. Characteristic of urinary retention in Department of Urology Soetomo General Hospital Surabaya. *Indones J Urol.* 2017;24: 41–48. doi:10.32421/juri.v24i1.269
- Harmaya AK, Soebadi MA, Soetoyo S. Platelet count and mean platelet volume as prognostic markers of urosepsis. *Indones J Urol.* 2018;25: 143–150. doi:10.32421/juri.v25i2.461
- Rahayu S, Hardjowijoto S, Djojodimedjo T, Soebadi MA. Urinary neutrophil gelatinase-associated lipocalin and creatinine serum bph patients with acute urine retention to detect kidney function disorders. *Indones J Urol.* 2016;23: 67–72. doi:10.32421/juri.v23i2.233

Articles published in international conference proceedings

- Bakula M, Soebadi A, De Ridder D, Puers R. The Bladder Pill: developments toward bladder pressure measurement in awake mini-pigs. *EuroSensors 2016. Procedia Engineering.* 2016;168:193-196.
- Bakula M, Soebadi A, Puers R, De Ridder D. The Bladder Pill: Towards continuous bladder pressure monitoring via wireless power and communication. *International Society on Biotelemetry.* Leuven, 22-24 May 2016.
- Weydts T, Brancato L, Soebadi MA, De Ridder D and Puers R. In-vivo implantable sensor system for measuring bladder wall movements. *EuroSensors 2017 In: Proceedings 2017;10:566.*
- Brancato L, Weydts T, Soebadi MA, De Ridder D and Puers R, Submucosal exploration of EMG and physiological parameters in the bladder wall. *EuroSensors 2017 In: Proceedings 2017;10:605.*

Abstracts Presented in International Conferences

- Dewulf K, Weyne E, Soebadi MA, Deruyver Y, Van Bree R, De Ridder D, Albersen M, Everaerts W. The Muscarinic Control of the Detrusor Changes in a Rat Model of Neurogenic Detrusor Overactivity.
- Soebadi MA, Bakula M, Dewulf K, Deruyver Y, Weydts T, Van der Aa F, Puers B and De Ridder D. The Bladder Pill: Wireless And Catheter-Less Continuous Bladder Pressure Monitoring. 46th Annual Scientific Meeting of International Continence Society. Tokyo, 13-16 September 2016. *Neurourol Urodyn* 2016;35:S324-S326.
- Soebadi MA, Bakula M, Weydts T, Van Der Aa F, Puers R, de Ridder D. A wearable biosensor for the bladder: Study of awake bladder urodynamics in large animal model. 32nd Annual EAU Congress. London, 24-28 March 2017. *Eur Urol Supp* 2017;16(3):e1967.
- Soebadi MA, Bakula M, Weydts T, Hakim L, Puers B and De Ridder D. The Bladder Pill: Measurement Of Intravesical Pressure From Consecutive Voiding. 47th Annual Scientific Meeting of International Continence Society. Florence, 12-15 September 2017. *Neurourol Urodyn* 2017;36(S3), pp.1-4.

- Soebadi MA, Soebadi DM. Photoselective vaporization of the prostate as treatment option for benign prostatic obstruction. 37th Congress of the Societe Internationale d'Urologie. Lisbon, 19-22 October 2017. *World J Urol* 2017;(S1):189.
- Soebadi MA, Hakim L, Van Der Aa F, de Ridder D. Real life data on mirabegron in neurogenic bladder dysfunction. 33rd Annual EAU Congress. Copenhagen, 16-20 March 2018. *Eur Urol Supp* 2018;17(2):e1548–9.
- Soebadi MA, Van den Broeck, Raets L, Brone B, van Renterghem K. Testosterone associated relaxation of human corpus cavernosum of patients with erectile dysfunction: Are non-genomic pathways involved? 34th Annual EAU Congress. Barcelona, 15-19 March 2019. *Eur Urol Supp* 2019;18(1):e1257.
- Soebadi MA, Weydts T, Brancato L, Puers B and De Ridder D. Measurement of Multipoint Acceleration in the Bladder Wall: A Study of Voiding in Awake Minipigs. 49th Annual Meeting of International Continence Society. Gothenburg, Sweden. 3-6 September 2019.

Textbook Chapter

- Soebadi MA. Pengaruh Obat Sesak Terhadap Saluran Kemih. Dalam: Suharto, Rusli M, Yusuf M, Bakhtiar A, Nugroho CW, Susanto H, Putri D, Heryana AY. Sesak. Hal 56-59. Satuan Usaha Akademik (SUA) Fakultas Kedokteran Universitas Airlangga, 2013.
- Rizaldi F, Soebadi MA. Aspek Urologi HIV dan AIDS. Dalam: Hidayati AN, Nur Rosyid AN, Nugroho CW, Asmarawati TP, Ardhiansyah AO, Bakhtiar A, Amin M, Nasronudin. Manajemen HIV/AIDS: Terkini, Komprehensif, dan Multidisiplin. Airlangga University Press, 2019. Hal 320-331.
- Alhajeri F, Alwaal A, Soebadi MA. Etiology, Epidemiology, Demographic Differences in Urethral Strictures: A Worldwide Perspective. In: Martins FE, Kulkarni SB, Kohler TS, editors. *Textbook of Male Genitourethral Reconstruction*, Springer; 2020, p. 25–32.