

## CHAPTER 6: REFERENCES

- AIHW, 2013, *How does osteoarthritis affect quality of life?*, Australian Institute of Health and Welfare 2013, viewed 28 September 2013, <<http://www.aihw.gov.au/osteoarthritis/quality-of-life/>>
- American College of Rheumatology, 2012, *Western Ontario and McMaster Universities Osteoarthritis Index (WOMAC)*, ACR, viewed 26 June 2013, <[http://www.rheumatology.org/Practice/Clinical/Clinicianresearchers/Outcomes\\_Instrumentation/Western\\_Ontario\\_and\\_McMaster\\_Universities\\_Osteoarthritis\\_Index\\_\(WOMAC\)/](http://www.rheumatology.org/Practice/Clinical/Clinicianresearchers/Outcomes_Instrumentation/Western_Ontario_and_McMaster_Universities_Osteoarthritis_Index_(WOMAC)/)>
- Amri, AW & Waskita, D 2013, *Sultan: Angka Harapan Hidup di Yogyakarta Tertinggi Nasional*, vivanews, viewed 29 september 2013, <<http://nasional.news.viva.co.id/news/read/413984-sultan--angka-harapan-hidup-di-yogya-tertinggi-nasional>>
- Angst, F, Aeschlimann, A, and Stucki, G 2001, *Smallest Detectable and Minimal Clinically Important Differences of Rehabilitation Intervention With Their Implications for Required Sample Sizes using WOMAC and SF-36 Quality of Life Measurement Instruments in Patients With Osteoarthritis of the Lower Extremities*, ARTHRITIS CARE & RESEARCH 45:384-391, 2001.
- Arthritis Foundation, 2014, *What is Osteoarthritis?*, viewed 25 August 2014, <http://www.arthritistoday.org/about-arthritis/types-of-arthritis/osteoarthritis/what-you-need-to-know/osteoarthritis-is.php>
- Badan Penelitian dan Pengembangan Kesehatan, Depkes RI (2008). Riset Kesehatan Dasar (RISKESDAS) 2007, Laporan Nasional 2007.
- Balint, GP, Buchanan, WW, Adam, A, Ratko, I, Poor, L, Balint, PV et al 2006, 'The effect of thermal mineral water of Nagybaracska on patients with knee joint osteoarthritis-a double blind study', *Clin Rheumatol*, vol. 26, pp. 890-894.

Bath & Salt Water Therapy, viewed 26 July 2013,  
[http://www.saltworks.us/salt\\_info/si\\_WaterTherapy.asp](http://www.saltworks.us/salt_info/si_WaterTherapy.asp)

Bellamy N, Buchanan WW, Goldsmith CH, Campbell J, Stitt LW. Validation study of WOMAC: A health status instrument for measuring clinically important patient relevant outcomes to antirheumatic drug therapy in patients with osteoarthritis of the hip or knee. *J Rheumatol*. 1988; 15:1833-1840.

Billingham, SAM, Whitehead, AL, and Julious, SA 2013, 'An audit of sample sizes for pilot and feasibility trials being undertaken in the United Kingdom registered in the United Kingdom Clinical Research Network database', *BMC Medical Research Methodology*, 13:104.

Bose, D, Difference Between Sea Salt and Table Salt, viewed 26 June 2013,  
<http://www.buzzle.com/articles/table-salt-vs-sea-salt-difference-between-sea-salt-and-table-salt.html>

Cantarini, L, Leo, G, Giannitti, C, Cevenini, G, Barberini, P, Fioravanti, A 2007, 'Therapeutic effects of spa therapy and short wave therapy in knee osteoarthritis: a randomized, single blind, controlled trial', *Rheumatol Int*, vol. 27, pp. 523-529.

Center for Disease Control and Prevention, 2014, *Osteoarthritis*, CDC, viewed 25 August 2014,  
<http://www.cdc.gov/arthritis/basics/osteoarthritis.htm>

Clancy R. Nitrous oxide alters chondrocyte function by disrupting cytoskeleton signalling complexes. *Osteoarthritis and Cartilage*. 1999;7:399-400

Compan, V, Baroja-Mazo, A, Lopez-Castejon, G, Gomes, AI, Martinez, CM, Angosto, D, et al 2012, 'Cell Volume Regulation Modulates NLRP3 Inflammasome Activation', *Immunity Article*, vol. 37, pp. 487-500.

Compan, V & Pelegrin, P 2012, *A Solution to Reducing Inflammation*, The University of Manchester, viewed 07 October 2013,

<<http://www.manchester.ac.uk/aboutus/news/display/?id=8723>>

Creasy, E, THE NUTRITIONAL OF SALT PER 100 GRAMS, viewed 26 June 2013, <http://www.livestrong.com/article/397735-the-nutritional-content-of-salt-per-100-grams/>

Dahlan, MS 2013, 'BESAR SAMPEL DAN CARA PENGAMBILAN SAMPEL dalam Penelitian Kedokteran dan Kesehatan', 2nd end, Salemba Medika, Jakarta.

Dananjoyo, K 2014 'NYERI ASPEK NEUROPSIKOGENIK' [power point slide], Department of Neurology, Faculty of Medicine-Universitas Gadjah Mada [attended 2014 Nov].

Donmez, A 2005 'The Effect of Balneotherapy on Knee Osteoarthritis' [power point slide], III. Hungarian-Turkish Balneological Symposium [downloaded 2014 Nov 22].

Eustice, C, 2013, *Knee Osteoarthritis What You Need to Know*, About.com, viewed 28 September 2013, <[http://osteoarthritis.about.com/od/kneeosteoarthritis/a/knee\\_OA.htm](http://osteoarthritis.about.com/od/kneeosteoarthritis/a/knee_OA.htm)>

Farrel, M, Gibson, S, McMeeken, J et al. 2000, *Pain and Hyperalgesia in Osteoarthritis of the hands*, *J Rheumatol*, vol. 27, pp. 441-47.

Felson, DT, Mclaughlin, S, Goggins, J et al. 2003, *Bone Marrow Edema and Its Relation to Progression of Knee Osteoarthritis*, *Ann Intern Med*, vol.139, pp.330-336.

Fraioli, A, Serio, A, Mennuni, G, Ceccarelli, F, Petraccia, L, Fontana, M et al 2011, 'A study on the efficacy of treatment with mud packs and baths with Sillene mineral water (Chianciano Spa Italy) in patients suffering from knee osteoarthritis', *Rheumatol Int*, vol. 31, pp. 1333-1340.

Freeman, G 2014, 'Inflammation and Stiffness: The Hallmarks of Arthritis' [Internet], ARTHRITIS FOUNDATION [cited 2014 Dec 29]. Available from: <http://www.arthritistoday.org/about->

[arthritis/signs-and-symptoms/arthritis-swelling-and-stiffness.php](#)

Freudenrich, C 2014, 'How Pain Works: Gate Control Theory of Pain' [Internet], HowStuffWorks [cited 2014 Nov 22]. Available from: <http://science.howstuffworks.com/life/inside-the-mind/human-brain/pain4.htm>

Gupta, S, Hawker, GA, Laporte, A, Croxford, R, & Coyte, PC 2005, 'The economic burden of disabling hip and knee osteoarthritis (OA) from the perspective of individuals living with this condition', *Oxford Journals*, vol. 44, issue 12, pp. 1531-1537, viewed 29 september 2013, <<http://rheumatology.oxfordjournals.org/content/44/12/1531.full>>

Gustafson-Fickers, SL, Lu, VB, Lai, AY et al 2008, 'Long-term actions of interleukin-1 $\beta$  on delay and tonic firing neurons in rat superficial dorsal horn and their relevance to central sensitization' [Internet-downloadable], *Molecular Pain* 2008, 4:63. Available from: <http://www.molecularpain.com/content/pdf/1744-8069-4-63.pdf>

Hassanali, SH 2011, 'Osteoarthritis: A Look At Pathophysiology And Approach To New Treatments: A Review', *East African Orthopedic Journal*, vol. 5, pp. 51-57.

Hernandez, LM & Blazer, DG 2006, 'Genes, Behavior, and the Social Environment: Moving Beyond the Nature/Nurture Debate' [Downloadable PDF], National Academy of Sciences, Washington. Available from: <http://www.nap.edu/catalog/11693.html>

Hochberg, MC, Silman, AJ, Smolen, JS, Weitblatt, ME, & Weisman, MH 2011, 'Rheumatology' [Internet], 5th edn, Philadelphia: Elsevier [cited 2013 Oct 07]. Available from: <http://www.expertconsultbook.com/expertconsult/ob/book.do?method=display&decorator=none&type=bookPage&eid=4-ul.0-B978-0-323-06551-1..00173-1--s0030&isbn=978-0-323-06551-1&hitTerms=%22SYNOVIAL+MEMBRANE%22%7C%22synovial+layer+of+articular+capsule%22%7C%22synovial+membr>

[ane+structure%22%7C%22synovial+membrane%22&hitNum=1](#)

Ikatan Reumatologi Indonesia (IRA), 2004, *Panduan Diagnosis dan Pengelolaan Osteoarthritis*.

Jenkins, BJ 1998, *Physiology of Pain: Module 2 Lecture*, in PG Cert, PG Dip, *Pain Management*, Cardiff University, Wales.

Jordan, KM, Arden, N, Doherty, M, Bannwarth, Dieppe, P, Gunther, KP, et al 2003. EULAR Recommendations 2003: an Evidence Based approach to the Management of Knee Osteoarthritis: Report of a task force of the Standing Committee for International Studies Including Therapeutic Trials (ESCISIT). *Ann Theum Dis*. 62: 1145-55.

Kalunian, KC 2013, *Patient information: Osteoarthritis symptoms and diagnosis (Beyond the Basics)*, UpToDate, viewed 09 September 2013, <<http://www.uptodate.com/contents/osteoarthritis-symptoms-and-diagnosis-beyond-the-basics#H18>>

Karagulle, M, Karagulle, MZ, Karagulle, O, Donmez, A, Turan, M 2007, 'A 10-day SPA therapy is beneficial for people with severe knee osteoarthritis', *Clin Rheumatol*, vol. 26, pp. 2063-2071.

Kenny, T 2014, *Osteoarthritis*, viewed 25 September 2014, <http://www.patient.co.uk/health/osteoarthritis-leaflet#>

Kisworo, B 2013, *Pengapuran Sendi, Penyakit Rematik & Operasi Penggantian Sendi Lutut -Panggul*, Panti Rapih Yogyakarta.

Koentjoro, SL 2010, *Hubungan Antara Indeks Masa Tubuh (IMT) Dengan Derajat Osteoarthritis Lutut Menurut Kellgren dan Lawrence*, thesis, Semarang, Universitas Diponegoro.

Lange, U, Muller-ladner, U, Schmidt, KL 2005, 'Balneotherapy in rheumatic diseases-an overview of novel and known aspects', *Rheumatol Int* 12:1-3.

- Lelo, A, Hidayat, DS and Juli, S 2004, *Penggunaan Anti-Inflamasi Non-Steroid Yang Rasional Pada Penanggulangan Nyeri Rematik*, Universitas Sumatera Utara: e-USU Repository
- Longo, DL, Fauci, AS, Kasper, DL, Hauser, Sl, Jameson, JL, and Braunwald, E 2005, *Harrison's Principles of Internal Medicine: Osteoarthritis*, 16 edn, McGraw-Hill, New York.
- Longo, DL, Fauci, AS, Kasper, DL, Hauser, Sl, Jameson, JL, and Loscalzo, J 2013, *Harrison's Manual of Medicine: Osteoarthritis*. 18 edn, McGraw-Hill, New York.
- Melzack, R et al. 2001, *Central Neuroplasticity and Pathological Pain*, *Ann NY Acadsci*, vol. 933, pp. 157-74.
- Oehler S, Neureiter D, Meyer-Scholten C, et al: *Subtyping of osteoarthritic synoviopathy*. *Clin Exp Rheumatol* 2002; 20:633-640.
- Physiotherapy and Rehab Center, 2010, *How much does physiotherapy treatment cost? Is it expensive?*, viewed 25 August 2014, <http://www.physiotherapycentre.in/faq>
- Riddle, DL and Stratford, PW 2013, *Unilateral vs bilateral symptomatic knee osteoarthritis: associations between pain intensity and function*. British Society for Rheumatology (Oxford), <http://rheumatology.oxfordjournals.org/> by guest on December 18, 2014.
- Roddy, E and Doherty, M 2003, *Guidelines for management of osteoarthritis published by the American College of Rheumatology and the European League Against Rheumatism: why are they so different?*, *Rheum Dis Clin North Am*, vol. 29, pp. 717-73.
- Sakkas L.I. and Platsoucas C.D. The role of T cells in the pathogenesis of osteoarthritis. *Arthritis Rheum*. 2007;56(2):409-424.
- Saltwater and sulphur for prevention, improvement, and healing, viewed 26 July 2013,

<http://www.eurothermen.at/en-bad-ischl-therapy-sole-wirkung.htm>

Sarno, JE 1998 *The Mindbody Prescription HEALING THE BODY, HEALING THE PAIN*, 1st edn, Warner Books Inc., New York.

Sheehy C, Murphy E & Barry M 2006. Depression in arthritis - underscoring the problem. *Rheumatology* (Oxford) 45:1325-1327.

Shiel, WC, Stoppler, MC, & Driver, CB 2014, *Rheumatoid Arthritis (RA)*, viewed 25 September 2014, [http://www.medicinenet.com/rheumatoid\\_arthritis/article.htm](http://www.medicinenet.com/rheumatoid_arthritis/article.htm)

Sines, VJ 2013, *Natural Lubricant Cited as New Osteoarthritis Remedy*, news.yahoo, viewed 28 september 2013, <<http://news.yahoo.com/natural-lubricant-cited-osteoarthritis-remedy-160300653.html>>

Sniekers, YH, Weinans H, Osch, GJVM, et al, 2010, 'Oestrogen is important for maintenance of cartilage and subchondral bone in a murine model of knee osteoarthritis' [Internet], *Arthritis Research and Therapy* 2010, 12:R182 [cited 2014 Nov 22]. Available from: <http://arthritis-research.com/content/12/5/R182>

Stoppler, MC & Shiel, WC 2014, 'Endorphins: Natural Pain and Stress Fighters' [Internet], *MedicineNet* [cited 22 Nov 2014]. Available from: <http://www.medicinenet.com/script/main/art.asp?articlekey=55001>

Soeroso J, Isbagio H, Kalim H, Broto R, Pramudiyo R. Osteoarthritis. In: Sudoyo AW, Setiyohadi B, Alwi I, Simadibrata M, Setiati S, editors. *Buku ajar ilmu penyakit dalam*. 4th ed. Jakarta: Pusat Penerbitan Ilmu Penyakit Dalam Fakultas Kedokteran Indonesia; 2006. p. 1195-201.

Stoppler, MC 2011, 'Joint Stiffness' [Internet], *MedicineNet* [cited 29 December 2014]. Available from: [http://www.medicinenet.com/joint\\_stiffness/symptoms.htm](http://www.medicinenet.com/joint_stiffness/symptoms.htm)



Sudoyo, AW, Setiyohadi, B, Alwi, I, Simadibrata, M, & Setiadi, S 2006, *Buku Ajar Ilmu Penyakit Dalam*, Volume II, 4th edition, Fakultas Kedokteran Universitas Indonesia, Jakarta.

Tanna, S 2004, *Osteoarthritis: Opportunities to Address Pharmaceutical Gaps*, <http://archives.who.int/prioritymeds/report/background/osteoarthritis.doc>

Taufiqurrokhman 2006, *Pengaruh Fisioterapi Terhadap Perbaikan Rasa Nyeri pada Penderita Osteoarthritis Lutut yang Mendapat Terapi Paracetamol*, thesis, Yogyakarta, Universitas Gadjah Mada.

The burden of musculoskeletal conditions at the start of the new millenium: report of a WHO scientific group, technical report series no 919. WHO Technical Report Series.

Tortora, GJ and Derrickson, B 2009, *Principles of Anatomy and Physiology*, 12 edn, John Wiley & Sons, United States.

Townes, AS 1999, *Osteoarthritis*, in LR Barker, JR Burton, PD Zieve (eds), *Principles of Ambulatory Medicine*, 5th edn, Williams & Wilkins, Baltimore, pp. 960-73.

Vaht, M, Birkenfeldt, R, & Ubner, M 2008, 'An evaluation of the effect of differing lengths of spa therapy upon patients with osteoarthritis (OA)', *Complementary Therapies in Clinical Practice*, vol. 14, pp.60-64.

Veritashealth.com 2014, 'Modern Ideas: The Gate Control Theory of Chronic Pain' [Internet], Veritashealth.com [cited 2014 Nov 22]. Available from: <http://www.spine-health.com/conditions/chronic-pain/modern-ideas-gate-control-theory-chronic-pain>

Wojtys, EM, Beamann, DN, Glover, RA, et al. 1990, *Innervation of the human knee joint by substance-P fibers*, *Arthroscopy*, vol.6, pp. 254-63.

Wolf, AD & Pfleger, B. Burden of Major Musculoskeletal Conditions. Policy and Practice. Special Theme-



Bone and Joint Decade 2000-2010. Bulletin of the World Health Organization 2003, 81 (9): 646-656.

Wright, M 2014 'Osteoarthritis' [Internet], Patient.co.uk [cited 01 January 2015]. Available from:  
<http://www.patient.co.uk/doctor/osteoarthritis-pro>

Wyke, B 1981, *The neurology of joints: a general principles*, Clin Rheum Dis, vol. 57, pp233-9.

Yurtkuran, M, Alp, A, Nasircilar, A, Bingol, U, Altan, L et al 2006, *Balneotherapy and tap water therapy in the treatment of knee osteoarthritis*, Rheumatoid Int, vol. 27, pp. 19-27.