

DAFTAR PUSTAKA

1. Chamberlain R. Hip Pain in Adults: Evaluation and Differential Diagnosis. *Am Fam Physician*. 2021;103(2):81–9.
2. Tang H. Total Hip Arthroplasty: Indications and Contraindications. In: *Principles of Primary Total Hip Arthroplasty*. Singapore: Springer Nature Singapore; 2022. p. 3–7.
3. Bhandari M, Einhorn TA, Guyatt G, Schemitsch EH, Zura RD, Sprague S, et al. Total Hip Arthroplasty or Hemiarthroplasty for Hip Fracture. *New England Journal of Medicine*. 2019 Dec 5;381(23):2199–208.
4. Adiwardhana IGKS. Total Hip Arthroplasty in Sanglah General Hospital Denpasar, January 2013 – July 2016: A Cross-Sectional Study. *Cermin Dunia Kedokteran*. 2018;45(10):732–4.
5. Shichman I, Roof M, Askew N, Nherera L, Rozell JC, Seyler TM, et al. Projections and Epidemiology of Primary Hip and Knee Arthroplasty in Medicare Patients to 2040-2060. *JBJS Open Access*. 2023 Feb 28;8(1).
6. Dilogio IH, Fahrudin MT, Canintika AF. How is the outcome of primary difficult total hip arthroplasty? A cross-sectional study. *International Journal of Surgery Open*. 2019 Jan 1;21:68–72.
7. Madanny AE, Wardhani IL, Suroto H. Epidemiology of Lower Extremity Arthroplasty. *Jurnal Kesehatan Soetomo*. 2020 Mar;7(1):1–4.
8. Rothbauer F, Zerwes U, Bleß H H, Kip M. Prevalence of Hip and Knee Arthroplasty. In: *White Paper on Joint Replacement : Status of Hip and Knee Care in Germany*. 2018. p. 16–31.
9. Harris EC, Coggon D. HIP osteoarthritis and work. *Best Pract Res Clin Rheumatol*. 2015 Jun 1;29(3):462–82.
10. Patel I, Nham F, Zalikha AK, El-Othmani MM. Epidemiology of Total Hip Arthroplasty: Demographics, Comorbidities and Outcomes. *Arthroplasty*. 2023 Dec 1;5(1).
11. Olthof M, Stevens M, Bulstra SK, Van den Akker-Scheek I. The association between comorbidity and length of hospital stay and costs in total hip arthroplasty patients: A systematic review. *Journal of Arthroplasty*. 2014;29(5):1009–14.
12. Mannion AF, Nauer S, Arsoy D, Impellizzeri FM, Leunig M. The Association Between Comorbidity and the Risks and Early Benefits of Total Hip Arthroplasty for Hip Osteoarthritis. *Journal of Arthroplasty*. 2020 Sep 1;35(9):2480–7.
13. Gargan M., Blom A., Jones S. A., Behman A., Kelley S. *Regional Orthopedics : The Hip*. In: *Apley and Solomon’s System of Orthopaedics and Trauma*. 2018. p. 562–8.

14. Paulsen F, Waschke J. Sobotta Atlas of Anatomy English Version with Latin Nomenclature : General Anatomy and Musculoskeletal System. 16th ed. Vol. 16. 2018. 312–319 p.
15. Ng KCG, Jeffers JRT, Beaulé PE. Hip Joint Capsular Anatomy, Mechanics, and Surgical Management. *Journal of Bone and Joint Surgery - American Volume*. 2019 Dec 4;101(23):2141–51.
16. Kraus VB, Blanco FJ, Englund M, Karsdal MA, Lohmander LS. Call for Standardized Definitions of Osteoarthritis and Risk Stratification for Clinical Trials and Clinical use. *Osteoarthritis Cartilage*. 2015;23:1233–41.
17. Kim C, Linsenmeyer KD, Vlad SC, Guermazi A, Clancy MM, Niu J, et al. Prevalence of radiographic and symptomatic hip osteoarthritis in an urban United States community: The Framingham osteoarthritis study. *Arthritis and Rheumatology*. 2014 Nov 1;66(11):3013–7.
18. Allen KD, Thoma LM, Golightly YM. Epidemiology of osteoarthritis. *Osteoarthritis Cartilage*. 2022 Feb 1;30(2):184–95.
19. Hall M, van der Esch M, Hinman RS, Peat G, de Zwart A, Quicke JG, et al. How does hip osteoarthritis differ from knee osteoarthritis? *Osteoarthritis Cartilage*. 2022 Jan 1;30(1):32–41.
20. Fiksman F, Krekhovska-Lepiavko OM, Lokay BA. Osteoarthritis: Its Prevalence, Risk Factors, Clinical Manifestation, Diagnosis, and Treatment. *Nursing (Медсестринство)*. 2023;(4):7–9.
21. Ha AS, Chang EY, Bartolotta RJ, Bucknor MD, Chen KC, Ellis HB, et al. ACR Appropriateness Criteria® Osteonecrosis: 2022 Update. *Journal of the American College of Radiology*. 2022 Nov 1;19(11):S409–16.
22. Tan B, Li W, Zeng P, Guo H, Huang Z, Fu F, et al. Epidemiological Study Based on China Osteonecrosis of the Femoral Head Database. *Orthop Surg*. 2021 Feb 1;13(1):153–60.
23. Chang C, Greenspan A, Gershwin ME. The pathogenesis, diagnosis and clinical manifestations of steroid-induced osteonecrosis. *J Autoimmun*. 2020 Jun 1;110.
24. Zhao D, Zhang F, Wang B, Liu B, Li L, Kim SY, et al. Guidelines for clinical diagnosis and treatment of osteonecrosis of the femoral head in adults (2019 version). *J Orthop Translat*. 2020 Mar 1;21:100–10.
25. Lutnick E, Kang J, Freccero DM. Surgical treatment of femoral neck fractures: A brief review. *Geriatrics (Switzerland)*. 2020 Jun 1;5(22).
26. Sekeitto AR, Sikhauli N, van der Jagt DR, Mokete L, Pietrzak JRT. The management of displaced femoral neck fractures: a narrative review. *EFORT Open Rev*. 2021 Feb 1;6(2):139–44.
27. Florschütz A V, Langford JR, Haidukewych GJ, Koval KJ. State of the Art Femoral Neck Fractures: Current Management. *Journal of Orthopedic Trauma*. 2015;29(3):121–9.

28. Scherer HU, Häupl T, Burmester GR. The etiology of rheumatoid arthritis. *J Autoimmun.* 2020 Jun 1;110.
29. Almutairi K, Nossent J, Preen D, Keen H, Inderjeeth C. The global prevalence of rheumatoid arthritis: a meta-analysis based on a systematic review. *Rheumatol Int.* 2021 May 1;41(5):863–77.
30. Romão VC, Fonseca JE. Etiology and Risk Factors for Rheumatoid Arthritis: A State-of-the-Art Review. *Front Med (Lausanne).* 2021 Nov 26;8.
31. Lin YJ, Anzaghe M, Schülke S. Update on the Pathomechanism, Diagnosis, and Treatment Options for Rheumatoid Arthritis. *Cells.* 2020 Apr 3;9(4).
32. Radu AF, Bungau SG. Management of rheumatoid arthritis: An overview. *Cells.* 2021 Nov 1;10(11).
33. Betancourt MCC, Maia CR, Munhoz M, Morais CL, Machado EG. A review of Risk Factors for Post-traumatic hip and knee osteoarthritis following musculoskeletal injuries other than anterior cruciate ligament rupture. *Orthop Rev (Pavia).* 2022 Nov 3;14(4).
34. Punzi L, Galozzi P, Luisetto R, Favero M, Ramonda R, Oliviero F, et al. Post-traumatic arthritis: overview on pathogenic mechanisms and role of inflammation. *RMD Open.* 2016;2:279.
35. Olson SA, Furman BD, Kraus VB, Huebner JL, Guilak F. Therapeutic opportunities to prevent post-traumatic arthritis: Lessons from the natural history of arthritis after articular fracture. *Journal of Orthopaedic Research.* 2015 Sep 1;33(9):1266–77.
36. Mathew AJ, Ravindran V. Infections and arthritis. *Best Pract Res Clin Rheumatol.* 2015 Dec 1;28(6):935–59.
37. Bentaleb I, Kawther BA, Rostom S, Amine B, Laatar A, Bahiri R. Reactive Arthritis: Update. *Curr Clin Microbiol Rep.* 2020;7:124–32.
38. Wendling D, Prati C, Chouk M, Verhoeven F. Reactive Arthritis: Treatment Challenges and Future Perspectives. *Curr Rheumatol Rep.* 2020 Jul 1;22(7).
39. Bloem JL, Reidsma II. Bone and soft tissue tumors of hip and pelvis. *Eur J Radiol.* 2012;81(12):3793–801.
40. Yang Q, Yuan T, Yin J, Zhang Z. Hip Bone Tumor. In: *Hip Surgery.* Springer Singapore; 2021. p. 187–201.
41. Khan AM, Rafferty M, Daurka JS. Hemiarthroplasty compared with total hip arthroplasty in fractured neck of femur: A shift in national practice? *Ann R Coll Surg Engl.* 2019;101(2):86–92.
42. Hierl AN, Moran HK, Villwock MR, Templeton KJ, Villwock JA. ABCs of Pain: A Functional Scale Measuring Perioperative Pain in Total Hip Arthroplasty Patients. *J Am Acad Orthop Surg Glob Res Rev.* 2021 Jun 2;5(6).
43. Bucholz RW. Indications, techniques and results of total hip replacement in the united states. *Revista Médica Clínica Las Condes.* 2014 Sep;25(5):756–9.

44. Colombi A, Schena D, Castelli CC. Total hip arthroplasty planning. *EFORT Open Rev.* 2019;4(11):626–32.
45. Harkness JW, Crockarell Jr JR. Arthroplasty of the Hip. In: Daugherty K, Jones L, editors. *Campbell's Operative Orthopaedics*. 13th ed. Philadelphia: Elsevier; 2017. p. 189–91.
46. Chammout G, Kelly-Pettersson P, Hedbeck CJ, Bodén H, Stark A, Mukka S, et al. Primary hemiarthroplasty for the elderly patient with cognitive dysfunction and a displaced femoral neck fracture: a prospective, observational cohort study. *Aging Clin Exp Res.* 2021;33(5).
47. de Vries EN, Gardenbroek TJ, Ammerlaan H, Steenstra F, Vervest AMJS, Hogervorst M, et al. The optimal approach in hip hemiarthroplasty: a cohort of 1009 patients. *European Journal of Orthopaedic Surgery and Traumatology.* 2020 May 1;30(4):569–73.
48. Sarpong NO, Grosso MJ, Lakra A, Held MB, Herndon CL, Cooper HJ. Hemiarthroplasty Conversion: A Comparison to Primary and Revision Total Hip Arthroplasty. *Journal of Arthroplasty.* 2019 Jun 1;34(6):1168–73.
49. Kremers HM, Larson DR, Crowson CS, Kremers WK, Washington RE, Steiner CA, et al. Prevalence of total hip and knee replacement in the United States. *Journal of Bone and Joint Surgery - American Volume.* 2014 Sep 2;97(17):1386–97.
50. Hansson S, Bülow E, Garland A, Kärrholm J, Rogmark C. More hip complications after total hip arthroplasty than after hemiarthroplasty as hip fracture treatment: analysis of 5,815 matched pairs in the Swedish Hip Arthroplasty Register. *Acta Orthop.* 2020 Mar 3;91(2):133–8.
51. Edwards NM, Varnum C, Overgaard S, Pedersen AB. The impact of socioeconomic status on the utilization of total hip arthroplasty during 1995–2017: 104,055 THA cases and 520,275 population controls from national databases in Denmark. *Acta Orthop.* 2020;92(1):29–35.
52. Aslan A, Atay T, Aydoğan NH. Risk factors for mortality and survival rates in elderly patients undergoing hemiarthroplasty for hip fracture. *Acta Orthop Traumatol Turc.* 2020;54(2):138–43.
53. Choong ALC, Shadbolt C, Dowsey MM, Choong PFM. Sex-based differences in the outcomes of total hip and knee arthroplasty: a narrative review. *ANZ J Surg [Internet].* 2021 Apr 1 [cited 2024 Oct 20];91(4):553–7.
54. Wahlsten LR, Palm H, Gislason GH, Brorson S. Sex differences in incidence rate, and temporal changes in surgical management and adverse events after hip fracture surgery in Denmark 1997–2017: a register-based study of 153,058 hip fracture patients. *Acta Orthop.* 2021;92(4):424–30.
55. De Martinis M, Sirufo MM, Polsinelli M, Placidi G, Di Silvestre D, Ginaldi L. Gender differences in osteoporosis: A single-center observational study. *World Journal of Men's Health.* 2020;38.

56. Ayers DC, Yousef M, Zheng H, Yang W, Franklin PD. Do Patient Outcomes Vary by Patient Age Following Primary Total Hip Arthroplasty? *Journal of Arthroplasty*. 2022 Jul 1;37(7):S510–6.
57. Clement ND, Deehan DJ. Overweight and Obese Patients Require Total Hip and Total Knee Arthroplasty at a Younger Age. *Journal of Orthopaedic Research*. 2020 Feb 1;38(2):348–55.
58. Konopitski A, Okafor C, Smith B, Baldwin K, Sheth NP. Evolution of total hip arthroplasty in patients younger than 30 years of age: A systematic review and meta-analysis. Vol. 143, *Archives of Orthopaedic and Trauma Surgery*. Springer Science and Business Media Deutschland GmbH; 2023. p. 1081–94.
59. Agrawal Y, Kerry RM, Stockley I, Hamer AJ. Review of total hip arthroplasty in patients younger than 30 years: mid- to long-term results. *HIP International*. 2021 Jul 1;31(4):533–41.
60. Antoniou J, Silotch C, Epure LL, Antoniou A, Sampalis JS. Elective Total Hip Arthroplasties in Nonagenarians—Age Does Matter: A National Surgical Quality Improvement Program Study. *Journal of Arthroplasty*. 2022 Jul 1;37(7):S524–9.
61. Moncatar TJR, Nakamura K, Siongco KL, Rahman M, Seino K. Prevalence and determinants of self-reported injuries among community-dwelling older adults in the Philippines: A 10-year pooled analysis. *Int J Environ Res Public Health*. 2020 Jun 2;17(12):1–16.
62. Rehman T, Sulgante S, Kar Sekhar S. Prevalence and pattern of domestic accidents in the field practice area of Jawaharlal Institute of Urban Health Centre, Puducherry: a cross-sectional analytical study. *J Inj Violence Res [Internet]*. 2020 [cited 2024 Oct 20];12(1):1–10.
63. Pengpid S, Peltzer K. Prevalence and Risk Factors Associated with Injurious Falls among Community-Dwelling Older Adults in Indonesia. 2018 [cited 2024 Oct 20].
64. Soleimani M, Babagoli M, Baghdadi S, Mirghaderi P, Fallah Y, Sheikhvatan M, et al. Return to work following primary total hip arthroplasty: a systematic review and meta-analysis. Vol. 18, *Journal of Orthopaedic Surgery and Research*. BioMed Central Ltd; 2023.
65. Zaballa E, Harris EC, Cooper C, Linaker CH, Walker-Bone K. Risk of revision arthroplasty surgery after exposure to physically demanding occupational or leisure activities: A systematic review. *PLoS One [Internet]*. 2022 Feb 1 [cited 2024 Oct 5];17(2):e0264487.
66. Hafkamp FJ, de Vries J, Gosens T, den Oudsten BL. The Relationship Between Psychological Aspects and Trajectories of Symptoms in Total Knee Arthroplasty and Total Hip Arthroplasty. *Journal of Arthroplasty*. 2021 Jan 1;36(1):78–87.
67. Ohashi Y, Fukushima K, Uchida K, Koyama T, Tsuchiya M, Saito H, et al. Adverse effects of higher preoperative pain at rest, a central sensitization-related symptom, on

- outcomes after total hip arthroplasty in patients with osteoarthritis. *J Pain Res.* 2021;14:3345–52.
68. Ren L, Meng L, Yan H, Sun W, Yao D. Preoperative meloxicam versus postoperative meloxicam for pain control, patients' satisfaction and function recovery in hip osteoarthritis patients who receive total hip arthroplasty: a randomized, controlled study. *Inflammopharmacology.* 2020;28(4).
 69. Arias-De La Torre J, Smith K, Dregan A, Valderas JM, Evans JP, Prieto-Alhambra D, et al. Impact of comorbidity on the short- And medium-term risk of revision in total hip and knee arthroplasty. *BMC Musculoskelet Disord.* 2020 Jul 9;21(1).
 70. Lan P, Chen X, Fang Z, Zhang J, Liu S, Liu Y. Effects of Comorbidities on Pain and Function After Total Hip Arthroplasty. *Front Surg.* 2022 May 11;9.
 71. Kurnianto A, Kurniadi Sunjaya D, Ruluwedrata Rinawan F, Hilmanto D. Prevalence of Hypertension and Its Associated Factors among Indonesian Adolescents. *Int J Hypertens [Internet].* 2020 Jan 1 [cited 2024 Oct 20];2020(1):4262034.
 72. Peters RM, van Steenberg LN, Stewart RE, Stevens M, Rijk PC, Bulstra SK, et al. Patient Characteristics Influence Revision Rate of Total Hip Arthroplasty: American Society of Anesthesiologists Score and Body Mass Index Were the Strongest Predictors for Short-Term Revision After Primary Total Hip Arthroplasty. *Journal of Arthroplasty.* 2020 Jan 1;35(1):188-192.e2.
 73. Mukka S, Rolfson O, Mohaddes M, Sayed-Noor A. The Effect of Body Mass Index Class on Patient-Reported Health-Related Quality of Life Before and After Total Hip Arthroplasty for Osteoarthritis Registry-Based Cohort Study of 64,055 Patients. *JBJS Open Access.* 2020 Oct 1;5(4).
 74. Colozza D, Padmita AC, Jee HR. Landscape Analysis of Overweight and Obesity in Indonesia. Jakarta; 2022 Dec.
 75. Ayuningtyas D, Kusuma D, Amir V, Tjandrarini DH, Andarwati P. Disparities in Obesity Rates among Adults: Analysis of 514 Districts in Indonesia. *Nutrients* 2022, Vol 14, Page 3332 [Internet]. 2022 Aug 14 [cited 2024 Oct 20];14(16):3332.
 76. Onggo JR, Onggo JD, de Steiger R, Hau R. Greater risks of complications, infections, and revisions in the obese versus non-obese total hip arthroplasty population of 2,190,824 patients: a meta-analysis and systematic review. *Osteoarthritis Cartilage.* 2020 Jan 1;28(1):31–44.
 77. Kumar P, Sen R, Aggarwal S, Jindal K. Common hip conditions requiring primary total hip arthroplasty and comparison of their post-operative functional outcomes. *J Clin Orthop Trauma.* 2020;11(2):192–5.
 78. Sun W, Zhao K, Wang Y, Xu K, Jin L, Chen W, et al. Epidemiological Characteristics and Trends of Primary Hip Arthroplasty in Five Tertiary Hospitals: A Multicenter Retrospective Study. *Orthop Surg.* 2023 Sep 1;15(9):2267–73.

79. Zhang BF, Zhuang Y, Liu L, Xu K, Wang H, Wang B, et al. Current indications for acute total hip arthroplasty in older patients with acetabular fracture: Evidence in 601 patients from 2002 to 2021. Vol. 9, *Frontiers in Surgery*. Frontiers Media S.A.; 2023.
80. Murphy MP, Schneider AM, LeDuc RC, Killen CJ, Adams WH, Brown NM. A Multivariate Analysis to Predict Total Hip Arthroplasty Dislocation With Preoperative Diagnosis, Surgical Approach, Spinal Pathology, Cup Orientation, and Head Size. *Journal of Arthroplasty*. 2022 Jan 1;37(1):168–75.
81. Li X, Luo J. Hemiarthroplasty compared to total hip arthroplasty for the treatment of femoral neck fractures: a systematic review and meta-analysis. Vol. 16, *Journal of Orthopaedic Surgery and Research*. BioMed Central Ltd; 2021.
82. Peng W, Bi N, Zheng J, Xi N. Does total hip arthroplasty provide better outcomes than hemiarthroplasty for the femoral neck fracture? A systematic review and meta-analysis. *Chinese Journal of Traumatology - English Edition*. 2020 Dec 1;23(6):356–62.
83. Pallante G, Statz JM, Milbrandt TA, Trousdale RT. Primary Total Hip Arthroplasty in Patients 20 Years Old and Younger . *J Bone Joint Surg*. 2020;102(6):519–25.
84. Dale H, Børsheim S, Kristensen TB, Fenstad AM, Gjertsen JE, Hallan G, et al. Perioperative, short-, and long-term mortality related to fixation in primary total hip arthroplasty: a study on 79,557 patients in the Norwegian Arthroplasty Register. *Acta Orthop*. 2020 Mar 3;91(2):152–8.
85. Guimaraes R, Viamont-Guerra M, Antonioli E, Lenza M. Total Hip Arthroplasty in the Public Health System of Sao Paulo : Comparing Types of Fixation. *Acta Ortop Bras [Internet]*. 2022;30(5).
86. Matthias J, Bostrom MP, Lane JM. A Comparison of Risks and Benefits Regarding Hip Arthroplasty Fixation. Vol. 5, *Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews*. Wolters Kluwer Health; 2021.
87. Venishetty N, Beale J, Martinez J, Mounasamy V, Sambandam S. Understanding Factors That Impact the Length of Stay After Total Hip Arthroplasty - A National In-Patient Sample-Based Study. *J Clin Orthop Trauma*. 2023;46.
88. Dharmayuda C, Kawiyaana I, Astawa P, Suyasa K, Dusak I, DesIivia M, et al. Direct Lateral Versus Posterior Approach in Patients Undergoing Hip Arthroplasty: Short Term Functional Outcome and Review of Recent 5-year Literature Original Research Article. *Jurnal Orthopaedi dan Traumatologi Indonesia-The Journal of Indonesian Orthopaedic & Traumatology [Internet]*. 2021;4(3).
89. Wantonoro W, Shyu YIL, Chen ML, Tsai HH, Chen MC, Wu CC. Functional Status in Older Persons After Hip Fracture Surgery: A Longitudinal Study of Indonesian Patients. *Journal of Nursing Research*. 2022 Jun 22;30(3):E211.
90. Ding Z chuan, Xu B, Liang Z min, Wang H yang, Luo Z yu, Zhou Z ke. Limited Influence of Comorbidities on Length of Stay after Total Hip Arthroplasty:

Experience of Enhanced Recovery after Surgery. *Orthop Surg.* 2020 Feb 1;12(1):153–61.

91. Wu VJ, Ross BJ, Sanchez FL, Billings CR, Sherman WF. Complications Following Total Hip Arthroplasty: A Nationwide Database Study Comparing Elective vs Hip Fracture Cases. *Journal of Arthroplasty.* 2020 Aug 1;35(8):2144-2148.e3.

