

BAB 7

SIMPULAN DAN SARAN

7.1 Simpulan

Dari hasil penelitian dengan judul “Perbedaan Derajat Skoliosis Berdasarkan *Angle of Trunk Rotation* Antara Siswa Suku Jawa dan Tionghoa” dapat disimpulkan bahwa:

- Terdapat 52(32,5%) siswa terdeteksi memiliki skoliosis.
- Prevalensi skoliosis didapati lebih banyak pada siswa sekolah negeri, yaitu sebanyak 29(36,3%) sementara pada siswa sekolah swasta terdapat 23(28,8%).
- Proporsi derajat ATR normal dan probabilitas tinggi skoliosis banyak didapati pada siswa sekolah swasta, sedangkan pada sekolah negeri lebih banyak didapati proporsi derajat ATR *intermediate*.
- Terdapat perbedaan yang tidak bermakna derajat ATR antara siswa sekolah negeri dan siswa sekolah swasta.

7.2 Saran

- Perlu dilakukan penelitian lebih lanjut yang mengikutsertakan variabel seperti faktor kebiasaan duduk yang miring dan membawa beban yang berat menggunakan satu sisi bahu saja.
- Melakukan pemeriksaan foto rontgen untuk mengkonfirmasi diagnosis skoliosis.

DAFTAR PUSTAKA

1. Deutchman G, Lamantia M. Parent's Guide to Scoliosis: A Practical Guide for Identifying the Early Signs of Scoliosis [Internet]. New York: Scoliosis Care Foundation; 2008 [cited 2017 Feb 26]. Available from: <http://scoliosissystems.com/ParentsGuideToScoliosis.pdf>
2. RS. Ortopedi Prof. DR. R. Soeharso Surakarta. Scoliosis dan Penanganannya [Internet]. 2010 [cited 2017 Feb 26]. Available from: <http://www.rso.go.id/index.php/artikel/65-scoliosis-dan-penanganannya>
3. Parera A, Sengkey L, Gessal J. Deteksi Dini Skoliosis Menggunakan Skoliometer Pada Siswa Kelas VI SD di Kecamatan Mapanget Manado. Jurnal e-Clinic (eCL) [Internet]. Jan – Apr 2016; 4(1): 100. [cited 2017 Feb 26]. Available from: <http://download.portalgaruda.org/article.php?article=431686&val=1001&title=Deteksi%20dini%20skoliosis%20menggunakan%20skoliometer%20pada%20siswa%20kelas%20VI%20SD%20di%20Kecamatan%20Mapanget%20Manado>

4. Rosadi R. Hubungan Kebiasaan Duduk Terhadap Terjadinya Skoliosis Pada Anak Usia 11 – 13 Tahun di SD Pabelan-Surakarta [Internet]. 2009 [cited 2017 Feb 26]. Available from: <http://eprints.ums.ac.id/5882/1/J110050039.PDF>
5. Lau K. Program Pencegahan & Penyembuhan Skoliosis Untuk Anda [Internet]. Singapura: Kesehatan di Tangan Anda Pte Ltd.; 2011 [cited 2017 Feb 26]. Available from: https://books.google.co.id/books?id=GxVuDAAAQBAJ&prints_ec=copyright&hl=id#v=onepage&q&f=false
6. Montgomery F, Willner S. Screening for Idiopathic Scoliosis: Comparison of 90 Cases Shows Less Surgery by Early Diagnosis. Journal of Acta Orthop Scand [Internet]. 1993; 64(4): 456-458. [cited 2017 Feb 26]. Available from: <http://www.tandfonline.com/doi/pdf/10.3109/17453679308993666?needAccess=true>
7. Kebaish, Khaled M, Neubauer, Philip R, Gabor D, Khoshnevisan, Mohammad A, Skolasky, Richard L. Scoliosis in Adults Aged Forty Years and Older: Prevalence and Relationship to Age, Race, and Gender [Internet]. 2011 [cited 2017 Feb 26]. Available from:

[http://journals.lww.com/spinejournal/Abstract/2011/04200/Scoliosis in Adults Aged Forty Years and Older .8.aspx](http://journals.lww.com/spinejournal/Abstract/2011/04200/Scoliosis_in_Adults_Aged_Forty_Years_and_Older_.8.aspx)

8. Zavatsky J, Peters A, Nahvi F, Bharucha N, Trobisch P, Kean K, Richard S, Bucello Y, Valdevit A, Lonner B. Disease Severity and Treatment in Adolescent Idiopathic Scoliosis: The Impact of Race and Economic Status. 2013 [cited 2017 Feb 26]. Available from: [http://www.thespinejournalonline.com/article/S1529-9430\(13\)00718-3/fulltext](http://www.thespinejournalonline.com/article/S1529-9430(13)00718-3/fulltext)
9. Daruwalla J, Balasubramaniam P, Chay S, Rajan U, Lee H. Idiopathic Scoliosis: Prevalence and Ethnic Distribution in Singapore School Children. 1985 [cited 2017 Feb 26]. Available from: <http://www.bjj.boneandjoint.org.uk/content/67-B/2/182>
10. Sari S. Referat Skoliosis [Internet]. [cited 2017 Apr 2]. Available from: https://www.academia.edu/31140276/Referat_skoliosis
11. Maydah U. Skoliosis [Internet]. [cited 2017 Apr 2]. Available from: <http://www.academia.edu/22900205/Skoliosis>
12. Rasjad C. Pengantar Ilmu Bedah Ortopedi. Jakarta: PT. Yarsif Watampone; 2012.
13. Apley A, Solomon L. Buku Ajar Ortopedi Dan Fraktur Sistem Apley Edisi Ketujuh. Jakarta: Widya Medika; 2012.

14. Bickley L, Szilagyi P. Bates: Buku Ajar Pemeriksaan Fisik & Riwayat Kesehatan. Jakarta: EGC;2013.
15. Kneale J, Davis P. Keperawatan Ortopedik & Trauma Edisi 2. Jakarta: EGC;2011.
16. Altaf F, Gibson A, Dannawi Z, Noordeen H. Adolescent Idiopathic Scoliosis. 2013 [cited 2017 Apr 2]. Available from: https://www.researchgate.net/figure/236599695_fig1_Fig-1-The-Adam%27s-forward-bend-test-performed-by-left-a-patient-without-scoliosis-and
17. Pediatri J. Skoliosis, Gangguan Bentuk Tulang Punggung [Internet]. 2016 [cited 2017 Apr 2]. Available from: <https://jurnalpediatri.com/2016/03/06/skoliosis-gangguan-bentuk-tulang-punggung/>
18. Chowanska J, Kotwicki T, Rosadzinski K, Sliwinski Z. School Screening for Scoliosis: Can Surface Topography Replace Examination with Scoliometer? [Internet]. 2012 [cited 2017 Apr 2]. Available from: <https://scoliosisjournal.biomedcentral.com/articles/10.1186/1748-7161-7-9>
19. Jenisa F, Ivanly I, Saputra A. Agama Ras dan Latar Belakang Geografisnya [Internet]. 2016 [cited 2017 Apr 2]. Available from:

http://www.academia.edu/30902137/AGAMA_RAS_DAN_LA
[TAR BELAKANG GEOGRAFISNYA](#)

20. Ragillula T. Macam-Macam Ras Yang Ada di Dunia [Internet]. [cited 2017 Apr 2]. Available from: www.academia.edu/15275533/RAS2
21. Sastroasmoro S, Ismael S. Dasar-dasar Metodologi Penelitian Klinis. Jakarta: Sagung Seto; 2014.
22. Sugiyono. Metode Penelitian Bisnis (Pendekatan Kuantitatif, Kualitatif, dan R&D). Bandung: Alfabeta; 2014.
23. Hong, Y., Fong, D., & Li, J. 2011. The Effect of School Bag Design and Load On Spinal Posture During Stair Use by Children. *Journal Ergonomics*. 54 (12), pp.1207-1213.
24. Rosadi, R. 2009. Hubungan Kebiasaan Duduk Terhadap Terjadinya Skoliosis Pada Anak Usia 11-13 Tahun Di SD Pabelan Kartasuro. Skripsi. Surakarta: Universitas Muhammadiyah Surakarta.