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Bibliography

1. AV Ritter, LW Boushell, R Walter, Sturdevant's Art and Science of Operative Dentistry, 7th Ed., Elsevier, 2019
2. M Torabinejad, AF Fouad, S Shabahang, Endodontics Principles and Practice, 6th Ed., Elsevier, 2020
3. JP Okeson, Management of Temporo- Mandibular Disorders and Occlusion, 8th Ed., Elsevier, 2019
(http://www.neoncursos.com.br/wpcontent/uploads/2019/08/Management_of_Temporomandibular_Disorders-and-Occlusion-Okeson-2020.pdf)
4. TH Schillingburg, Fundamental of Fixed Prosthodontics, 4th Ed., Quintessence Publishing Co, 2012
5. AB Carr, DT Brown, McCracken's Removable Partial Prosthodontics, 12th Ed., Elsevier, 2011
6. AG Zarb, J Hobkirk, S Eckert, R Jacob, Prosthetic treatment for edentulous patients- Complete dentures and implant-supported prostheses, 13th Ed., Elsevier /Mosby, 2013
7. MG Newman, H Takei, PR Klokkevold, FA Carranza, Newman and Carranza's Clinical Periodontology, 13th Ed., Elsevier Health Sciences, 2018

8. AC Cameron, PW Richard, Handbook of Paediatric Dentistry, 5th Ed., Elsevier, 2021
9. WR Proffit, Contemporary Orthodontics, 6th Ed., Elsevier, 2018
10. SF Malamed, Handbook of Local Anesthesia, 7th Edition, Elsevier, 2020
11. UJ Moore, Principles of Oral and Maxillofacial surgery, 6th Ed., Wiley-Blackwell Publication, 2011
12. M Chiapasco, Manual Of Oral Surgery, 3rd Edition, Edra S.p.A., 2018
13. M Miloro, GE Ghali, PE Larsen, P Waite, Peterson's Principles of Oral and Maxillofacial Surgery, 4th Edition, Springer, 2022
14. JR. Hupp, MR Tucker, E Ellis, Contemporary Oral and Maxillofacial Surgery, 7th Edition, Elsevier, 2018