

Appendix A. Sources included in this scoping review

First author	Citation	Year	Title	Journal	Continent of origin
Abdessater, M	11	2020	COVID19 pandemic impacts on anxiety of French urologist in training: Outcomes from a national survey	Progrès en Urologie	Europe
Alhaj, AK	15	2020	Neurosurgery residents' perspective on COVID-19: Knowledge, readiness, and impact of this pandemic	World Neurosurgery	Middle East
Amparore, D	22	2020	Impact of the COVID-19 pandemic on urology residency training in Italy	Minerva Urologica e Nefrologica	Europe
An, TW	23	2020	How are Orthopaedic surgery residencies responding to the COVID-19 pandemic? An assessment of resident experiences in cities of major virus outbreak	Journal of the American Academy of Orthopaedic Surgeons	North America
Aziz, H	28	2020	Effect of COVID-19 on surgical training across the United States: A national survey of General Surgery residents	Journal of Surgical Education	North America
Balhareth, A	16	2020	Impact of COVID-19 pandemic on residency and fellowship training programs in Saudi Arabia: A nationwide cross-sectional study	Annals of Medicine and Surgery	Middle East
Bandi, F	29	2020	Strategies to overcome limitations in Otolaryngology residency training during the COVID-19 pandemic	European Archives of Oto-Rhino-Laryngology	Europe
Bitonti, G	30	2020	Being an Obstetrics and Gynaecology resident during the COVID-19: Impact of the pandemic on the residency training program	European Journal of Obstetrics and Gynecology and Reproductive Biology	Europe
Chang, D-G	31	2020	The impact of COVID-19 pandemic on Orthopaedic resident education: a nationwide survey study in South Korea	International Orthopaedics	Asia
Essilfie, AA	32	2020	Resident, fellow and attending perception of e-learning during the COVID-19 pandemic and implications on future Orthopaedic education	Journal of the American Academy of Orthopaedic Surgeons	North America
Fero, KE	33	2020	Perceived impact of Urologic surgery training program modifications due to COVID-19 in the United States	Urology	North America
Figueroa, F	12	2020	Orthopedic surgery residents' perception of online education in their programs during the COVID-19 pandemic: should it maintained after the crisis?	Acta Orthopaedica	North America
Foong, W-S	17	2020	Challenges and adaptations in training during pandemic COVID-19: observations by an orthopedic resident in Singapore	Acta Orthopaedica	Asia
Givi, B	20	2020	Advanced head and neck surgery training during the COVID-19 pandemic	Head and Neck	North America
Guo, T	34	2020	Impact of the COVID-19 pandemic on Otolaryngology trainee education	Head and Neck	North America
Hoegger, MJ	35	2020	A snapshot of Radiology training during the early COVID-19 pandemic	Current Problems in Diagnostic Radiology	North America

Huntley, RE	36	2020	Early effects of COVID-19 on Oral and Maxillofacial surgery residency training – results from a national survey	Journal of Oral and Maxillofacial Surgery	North America
Jones, SD	37	2020	Shoulder and elbow education during COVID19 – perspectives from the resident, fellow, and attending level	Journal of Shoulder and Elbow Surgery	North America
Kapila, AK	27	2020	The perspective of surgical residents on current and future training in light of the COVID-19 pandemic	British Journal of Surgery	Europe
Kapila, AK	18	2020	The impact of coronavirus disease 2019 on Plastic Surgery training: The resident perspective	Plastic and Reconstructive Surgery Global Open	Europe
Khan, H	38	2020	The impact of the COVID-19 pandemic on Orthopaedic services and training in the UK	European Journal of Orthopaedic Surgery and Traumatology	Europe
Leck, ED	10	2020	A Canadian perspective on coronavirus disease-19 and neurosurgical residency training	Surgical Neurology International	North America
Marasco, G	41	2020	Impact of COVID-19 outbreak on clinical practice and training of young gastroenterologists: A European survey	Digestive and Liver Disease	Europe
Mishra, D	13	2020	The impact of COVID-19 related lockdown on ophthalmology training programs in India – Outcomes of a survey	Indian Journal of Ophthalmology	Asia
Odedra, D	39	2020	Impact of COVID-19 on Canadian Radiology residency training programs	Canadian Association of Radiologists' Journal	North America
Paesano, N	19	2020	Impact of COVID-19 pandemic on Ibero-American Urology residents: Perspective of American Confederation of Urology (CAU)	International Brazilian Journal of Urology	South America
Pang, KH	21	2020	The impact of COVID-19 on European health care and Urology trainees	European Urology	Europe
Pelargos, PE	24	2020	An evaluation of Neurosurgical resident education and sentiment during the coronavirus disease 2019 pandemic: a North American survey	World Neurosurgery	North America
Pertile, D	14	2020	The impact of COVID-19 pandemic on surgical residency programmes in Italy: a nationwide analysis on behalf of the Italian Polyspecialistic Young Surgeons Society (SPIGC)	Updates in Surgery	Europe
Tinelli, G	25	2020	Vascular surgery education during COVID-19 pandemic	Journal of Vascular Surgery	Europe
Zheng, J	26	2020	General surgery chief residents' perspective on surgical education during the coronavirus disease 2019 (COVID-19) pandemic	Surgery	North America
Zoia, C	40	2020	COVID-19 and neurosurgical training and education: an Italian perspective	Acta Neurochirurgica	Europe