

1. Record Nr.	UNINA9910357856403321
Titolo	Advancing Surgical Education : Theory, Evidence and Practice // edited by Debra Nestel, Kirsten Dalrymple, John T. Paige, Rajesh Aggarwal
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2019
ISBN	9789811331282 9811331286
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XIV, 490 pages)
Collana	Innovation and Change in Professional Education, , 2542-9957 ; ; 17
Disciplina	610.711
Soggetti	Medical education Premedical education Professional education Vocational education Medical Education Premedical Education Professional and Vocational Education
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Part 1 Overview: Foudnations of surgical education -- 1 Celebrating surgical education -- 2 Surgical education: A historical perspective -- 3 The contemporary context of surgical education -- 4 Surgical education leadership and the role of the academy -- 5 The governance of surgical education: The role of the Colleges -- Part 2 Overview: Theories informing surgical education -- 6 Cognitive neuroscience and design of surgical education -- 7 Expertise theories and the design of surgical education -- 8 Helping learners through transitions: Threshold concepts, troublesome knowledge and threshold capability framework in surgery -- 9 Communities of practice and surgical training -- 10 Activity theory and the surgical workplace -- 11 The role of power in surgical education: A Foucauldian perspective -- 12 Constructing surgical identities: Being and becoming a surgeon -- 13 Constructing surgical identities: Becoming a surgeon educator -- Part 3 Overview: The practice of surgical education -- 14 Designing surgical education programs -- 15 Selection into surgical education and training -- 16

Models of teaching and learning in the operating theatre -- 17
 Supporting the development of psychomotor skills -- 18 Patients and surgical education: Rethinking learning, practice and patient-engagement -- 19 The role of verbal feedback in surgical education -- 20 The role of assessment in surgical education -- 21 Entrustable professional activities in surgical education -- 22 Revalidation of surgeons in practice -- 23 Demystifying program evaluation for surgical education -- 24 Simulation in surgical education -- 25 Developing surgical teams: Theory -- 26 Developing surgical teams: Application -- 27 Supporting the development of professionalism in surgeons in practice: A virtues-based approach to exploring a surgeon's moral agency -- 28 Managing underperformance in trainees -- 29 Patient safety and surgical education -- Part 4 Research in surgical education -- 30 Researching in surgical education: An orientation -- 31 Researching in surgical education: A surgeon perspective -- 32 From dense fog to gentle mist: Getting started in surgical education research -- 33 Reviewing literature for and as research -- 34 Measuring the impact of educational interventions: A quantitative approach -- 35 Understanding learning: A qualitative approach -- 36 Ethical issues in surgical education research -- 37 Remaining "grounded" in a laparoscopic community of practice: The qualitative paradigm -- 38 The nature of nurture in surgery: A drama in four acts (so far) -- 39 Approaching surgery simulation education from a patient-centric pathway -- Part 5 Future directions in surgical education -- 40 Surgical education in the future -- 41 Finally, the future of surgical educators. .

Sommario/riassunto

This book is designed for anyone involved in surgical education. While it is intended as a core reference for surgeons who want to develop their surgical education knowledge and practice, it also a valuable resource for anyone undertaking a higher degree in health professions education. Divided into five parts, it starts with chapters on foundational knowledge, exploring the past before documenting the current state of surgical education and highlighting various educational leadership and governance topics. The second part examines a range of theories that inform surgical education – cognitive, behavioural and social, while the third part offers practical guidance on elements of surgical education – curriculum design, selection, feedback, assessment, evaluation, simulation and managing trainee underperformance. It also includes chapters on supporting the development of psychomotor skills, operative skills in theatre, professionalism, teamwork and patient safety. The next part shifts the focus to research in surgical education, introducing readers to all phases of conducting education research based on qualitative, quantitative and mixed methods paradigms. The final part looks to the future of surgical education and of surgical educators. Assembling these topics in one volume makes this book invaluable to anyone involved in surgical education. .