

1. Record Nr.	UNINA9910483612303321
Autore	Kim Hee-Jin
Titolo	Ultrasonographic anatomy of the face and neck for minimally invasive procedures : an anatomic guideline for ultrasonographic-guided procedures // Hee-Jin Kim [and four others]
Pubbl/distr/stampa	Gateway East, Singapore : , : Springer, , [2021] Â©2021
ISBN	981-15-6560-0
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (IX, 274 p. 273 illus., 223 illus. in color.)
Disciplina	611.92
Soggetti	Neck - Ultrasonic imaging Face - Anatomy Face - Ultrasonic imaging
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Basic principles of ultrasonographic imaging -- General US anatomy of the face and neck -- US anatomy of the forehead and temple -- US anatomy of the periorbital region -- US anatomy of the midface and nose -- US anatomy of the perioral and masseter region -- US anatomy of the upper superficial cervical region -- US applications in botulinum toxin injection procedures -- US applications in filler injection procedures -- US applications in thread lifting procedures.
Sommario/riassunto	This is the very first book to describe the superficial anatomic structure of the face and neck by means of detailed ultrasonography (US). This superbly illustrated book will help aesthetic physicians to familiarize themselves with the US anatomy of the face and neck and to understand the applications and benefits of US when performing minimally invasive aesthetic procedures in this region. A deep understanding of anatomy is imperative if such procedures are to be safe and effective. Bearing in mind the range of potential anatomic variations, US can offer vital assistance in identifying target structures of the face beneath the skin when carrying out treatments that would otherwise be performed "blind". In this book, readers will find detailed guidance on the use of US in the context of botulinum toxin and filler

injections, threading procedures, and other minimally invasive aesthetic approaches. This is done with the aid of more than 530 US images, including cadaveric dissections and illustrations of volunteers and patients. For novices, valuable information is also provided on the basics of US imaging.

2. Record Nr.	UNINA9910140860803321
Autore	Tsourdos Antonios
Titolo	Cooperative path planning of unmanned aerial vehicles [[electronic resource] /] / Antonios Tsourdos, Brian White and Madhavan Shanmugavel
Pubbl/distr/stampa	Chichester, West Sussex, U.K. ; ; Hoboken, N.J., : Wiley, 2011
ISBN	0-470-97464-8 0-470-97463-X 0-470-97520-2
Descrizione fisica	1 online resource (216 p.)
Collana	Aerospace Series ; ; v.32
Altri autori (Persone)	WhiteBrian <1947 June 6-> ShanmugavelMadhavan
Disciplina	623.7469 629.132/5 629.1325
Soggetti	Drone aircraft - Automatic control Guidance systems (Flight) Airplanes - Piloting - Mathematics Airplanes - Piloting - Planning Airways - Mathematical models
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cooperative Path Planning of Unmanned Aerial Vehicles; Contents; About the Authors; Series Preface; Preface; Acknowledgements; List of Figures; List of Tables; Nomenclature; 1 Introduction; 2 Path Planning in Two Dimensions; 3 Path Planning in Three Dimensions; 4 Collision Avoidance; 5 Path-Following Guidance; 6 Path Planning for Multiple UAVs; Appendix A Differential Geometry; Appendix B Pythagorean

Sommario/riassunto

An invaluable addition to the literature on UAV guidance and cooperative control, Cooperative Path Planning of Unmanned Aerial Vehicles is a dedicated, practical guide to computational path planning for UAVs. One of the key issues facing future development of UAVs is path planning: it is vital that swarm UAVs/ MAVs can cooperate together in a coordinated manner, obeying a pre-planned course but able to react to their environment by communicating and cooperating. An optimized path is necessary in order to ensure a UAV completes its mission efficiently, safely, and successfully. Foc

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