One of the just a few books available in literature which exclusively cover the instruments used in oral and maxillofacial surgery.

Atlas of
Oral and Maxillofacial Surgical Instruments

provides a complete insight into various instruments used in oral and maxillofacial region surgeries. It aims to serve the undergraduate and postgraduate students in dental sciences, all the practising oral and maxillofacial surgeons, and the trainees in this specialty to understand the instruments better.

Salient features

- First of its kind, the *Atlas* explains step-by-step, and in detail, the instruments used not only in oral and maxillofacial surgical procedures but also in allied surgical specialties.
- The range of surgical instruments discussed extends from basic diagnostic ones (like mouth mirror and a dental probe) to advanced robotic systems which are depicted using good quality images.
- Contains more than 200 illustrations with relevant indications and contraindications related to each instrument.
- Gives systematic classification of the instruments used in oral and maxillofacial surgery.

The *Atlas* will be useful not only to the undergraduate and postgraduate dental students but also the general practitioners, oral and maxillofacial surgeons, head and neck surgeons, and plastic reconstructive surgeons interested in this field.

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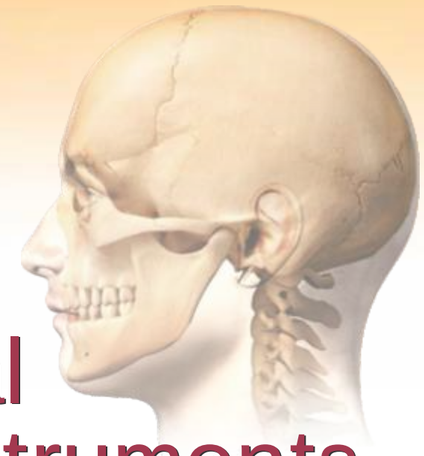
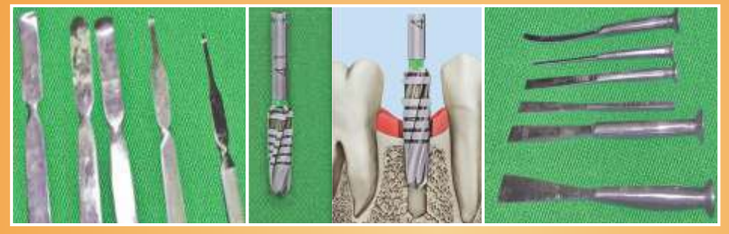
Atlas of Oral and Maxillofacial Surgical Instruments





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Atlas of Oral and Maxillofacial Surgical Instruments

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Foreword

It gives me immense pleasure to write a Foreword to this *Atlas*. This book by Dr Syed Ahmed, *Atlas of Oral and Maxillofacial Surgical Instruments*, is a tour de force. It is well organized, well written, well referenced, and up to date. This book has 14 chapters written by the author and various contributors. There are more than 200 illustrations of surgical instruments, which are remarkable with clear description of each instrument.

The author has to be congratulated for writing an extraordinary book with tireless efforts. The ultimate beneficiaries of the ideas expressed in this book, of course, are the dental, medical, and Ayurvedic faculty interested in surgical practice. This book should be of great interest to the oral and maxillofacial surgeons, craniofacial surgeons, neurosurgeons, otolaryngologists, and postgraduate and undergraduate students.

Dr Syed Ahmed is Professor and Head, and PG guide, Department of Oral and Maxillofacial Surgery, MIDSR, under MUHS. He was also Principal of MIDSR Dental College and Hospital, Latur.

His work as administrator as well as in the academics is highly appreciated and recognized. I wish him "all the best" for this excellent project. I hope the readers can be inspired to take this knowledge, learn it well and then extend it further, for the benefit of mankind.

Kalidas D Chavan
Officiating Registrar
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Foreword

This book by Dr Syed Ahmed and his colleagues, *Atlas of Oral and Maxillofacial Surgical Instruments*, is a good and innovative idea.

As an Executive Director of MAEER's Pune, Latur campus, I am involved in health care and social activities for 26 years as well as promoter of quality value based medical education which is very important for quality care of the patients.

This book is well organized, well written, well referenced and up to date. This book is "a beginning" for any surgical specialty to start. I know the author Dr Syed Ahmed personally and his team as the department is a part of the institution and their appreciable clinical, academic and administrative work. The ultimate beneficiaries will be the students, doctors, and finally the patients and their relatives.

This book is of great interest to craniofacial surgeons, oral and maxillofacial surgeons, neurosurgeons, otolaryngologists, and others who care for craniofacial and head and neck surgeries.

I congratulate the team and team effort to bring out this extraordinary book.

Shri Ramesh K Karad
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Preface

A good surgical result will definitely depend on the precise use of instruments in different surgical procedures. It helps in reducing operating time and surgical morbidity on both hard and soft tissues. A good surgeon grows with experience and experience develops with time and use of appropriate surgical instruments when indicated.

All teachers at the surgical speciality start teaching the difference between a needle holder and hemostat and we grow to understand other instruments that are used for various procedures. Instruments developed from stone age, wood sticks, metals, and now computers and robots are replacing the art of surgical skills.

All surgeons should know the correct use, indications and contraindications of basic instruments. As we continue to realize the importance of instruments in oral and maxillofacial surgeries, we gain a better appreciation of the far reaching consequences of our treatment and surgical results.

This book provides a complete insight into various instruments used in oral and maxillofacial region, which will benefit the practising surgeons, trainees, and undergraduate and postgraduate students to better understand the instruments in detail. There are hardly a few books available in literature exclusively covering instruments in oral and maxillofacial surgery. This is one of them.

It is obliviously impossible for any book of this kind to be either complete or remain up to date for a long period of time. Hence, we have put our sincere efforts to make this book almost complete and up to date including the recent advances and the instrument with photographs.

I would like to express my sincere appreciation to peers and contributors, and everyone who has contributed to the understanding of the precise use of instruments.

Also lastly I am thankful to postgraduate trainees at Department of Oral and Maxillofacial Surgery. Their thirst for knowledge, honesty, and obedient nature, all put together, have made this book a constant source of inspiration.

As the primary author of this textbook, I welcome corrections, criticism and suggestions which will definitely be paid attention to and corrected in subsequent editions to come.

Syed Ahmed

Acknowledgements

The book *Atlas of Oral and Maxillofacial Surgical Instruments* represents the work of many dedicated individuals. The contributors to this *Atlas* are professors, readers, senior lecturers, tutors and residents primarily from the Department of Oral and Maxillofacial Surgery, MIDSR Dental College, Latur, Maharashtra. Apart from this there are a few authors from other institutes and faculty who have lent or donated their expertise time to create a comprehensive text.

And most importantly the result of team work from contributors, computer operator and typist has given us this greatest reward in our quality and endeavour. I sincerely thank my family, my wife Dr Nekparveen, and my daughters Miss Sara and Miss Shaheen, for their patience and not disturbing till the project was completed. Our thanks are also extended to Mr YN Arjuna, Senior Vice President—Publishing, Editorial and Publicity, CBS Publishers & Distriburors, New Delhi, who has approved this project, and Mr Sarkar S and Mr Javed Hashmi, CBS Publishers & Distributors Pvt Ltd, Mumbai, for their active cooperation.

On a personal note, I must thank Prof (Dr) Vishwanath Karad, our Founder and Director General of MAEER'S MIT–Pune and Mr Rameshappa Karad, Executive Director of MIMSR, Latur, for permitting us to go with this concept and achieving academic target. A special thanks to Dr Mangesh Tulshiram Karad, Executive Director of MAEER'S MIT, Pune for his appreciation to complete the project. I would also like to thank Mr Vijay Narayan Kale, Chief Librarian of MIMSR Medical College, Latur, for his support in utilizing the library facilities. I would like to extend my thanks to the Director, Mr Shambhu Bachagoudar, and Mr Shrikant Bachagoudar, SK Surgicals, Pune, who have allowed to use photographs of their instruments.

I do remember a few unforgettable people who shaped my life, to name a few of them, Mr Iqbal Ahmed Saradagi MP, Chairman, Al-Badar Dental College and Hospital, Kalaburagi, Karnataka; Dr C Bhasker Rao, ex-Principal, SDM Dental College, Dharwad; Prof (Dr) Balaji, Dr Venugopal, Government Dental College, Kerala; Prof (Dr) Rahmatullah, ex-Principal, Al-Badar Dental College, Gulbarga; and many more who worked and shared my time and knowledge.

And there are many more to be thanked but above all is God, the 'Almighty', who has enlightened our brain and thoughts in this direction.

Syed Ahmed

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