

## New Tools and Concepts for State of the Art Augmentation Techniques in Implant Dentistry

To be a viable treatment choice in the edentulous patient, the implant-supported restoration requires bone in adequate position, quality and quantity. This requires development of the edentulous ridge or potential implant restorative site. The importance in developing this underlying bone support is twofold, to act as an anchor for the implant but also as a framework for the support of the gingival tissue and esthetics.

The three-dimensional reconstruction of the implant receptor site comprises two distinct phases:

Development of the hard tissues requires an understanding and specific skill sets which include;

State of the Art Sinus Augmentation and Crestal Approach Techniques

Bone Harvest techniques

Bone Particulate Grafts, Plates, Blocks and GBR

Utilization and Fixation of Membranes

Management of Implant Complications

Implant Stability Testing

This program will cover site preparation techniques prior to and at the time of implant placement.

Educational Objectives:

1. Diagnosis and classification of implant recipient sites
2. New techniques available for implant replacement
3. Management of the “deficient” site through augmentation techniques

## インプラント歯科における最先端の造成術で用いる新たなツールとその概念

Maurice A. Salama (歯学博士)

無歯顎患者でインプラント支持型補綴装置を実行可能な治療選択肢とするには、骨の位置、質、量が適切でなければならない。そのためには、無歯顎堤の再建やインプラントによる修復候補部位の形成が必要となる。この基礎となる支持骨の形成が重要とされる理由は2つある。すなわち、インプラントのアンカーになるだけでなく、歯肉組織や審美性を支える構造物としての役目も果たすからである。

インプラント受容部位の3次元リコンストラクションは、次の2段階からなる。

硬組織を形成するには、以下に挙げた事項に関する知識と特別なスキルセットが必要となる。

最先端の上顎洞底挙上術とクレスタルアプローチテクニック

骨採取術

骨粒子移植片、プレート、ブロック、骨誘導再生法 (GBR)

メンブレンの利用と固定

インプラント合併症の管理

インプラント安定性試験

このプログラムでは、インプラント埋入前および埋入時の組織造成手法を取り上げる。

教育目標：

1. インプラント埋入部位の診断と分類
2. インプラント置換に利用できる新手法
3. 造成術による「欠損」部位の管理

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Dr. Maurice A. Salama



**Maurice A. Salama, DMD**  
Louisiana State University (ルイジアナ州立大学)

Dr. Maurice A. Salama completed his undergraduate studies at the State University of New York at Binghamton in 1985 where he was a member of the University Basketball Team and nominated to the State of New York All Scholastic Team. He received his BS in Biology upon graduation. He then went on to graduate school to receive his DMD from the University of Pennsylvania School of Dental Medicine.

Dr. Salama completed a one-year general practice and surgical residency at Maimonides Medical Center in Brooklyn, NY in 1989-90 where he was named Chief Resident.

Dr. Salama later returned to the University of Pennsylvania SDM and received his dual specialty certification in Orthodontics and Periodontics, as well as his implant training at the Branemark Center at Penn.

Dr. Salama is currently on the faculty of the University of Pennsylvania and Augusta University as Clinical Assistant Professor of Periodontics.

Dr. Salama remains a Founder and a permanent member of the Scientific Committee of the world's leading Online Dental Education Website [www.DENTALXP.com](http://www.DENTALXP.com)

He is also a legacy member of the Team Atlanta Dental Practice which is a multidisciplinary practice world renowned for their clinical research in implants, reconstructive and esthetic dentistry.

Dr. Salama and his TEAM have published numerous scientific papers, book chapters and periodicals in peer reviewed journals and is often an invited Keynote and featured speaker at Dental Conferences around the world.

Dr. Salama is also the CEO of the "Salama Training Centers" in Miami and now in Romania which offers year long Implant Mastership Residency programs in the USA and Europe.

Maurice A. Salama, DMD (ルイジアナ州立大学)

CV

米国ニューヨーク州立大学ビンガムトン校学士課程修了

米国マイモニデスメディカルセンター研修修了

米国ペンシルベニア大学 SDM 矯正歯科と歯周病学の二重専門医資格を取得

米国ペンシルベニア大学歯周病学講座臨床准教授

米国オーガスタ大学歯周病学講座臨床准教授

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Salama Training Centers CEO