

# Saturday December 5, 2020 – MODULE 3

## Traumatic Injuries of the Nose and Central Midface

### Course Chairs

Nils-Claudius Gellrich, Rüdiger Zimmerer

### Description

Module 3 focuses on best practices and state-of-the-art techniques in managing traumatic injury of the nasal region. This module is designed through a combination of a keynote lecture, small group discussions, and an expert panel discussion covering primary trauma confined to nasal bone & septum, extended trauma that would involve NOE, & midface fractures, and rhinoplasty for late presenting nasal deformities. Expert faculty will moderate all activities in a highly interactive learning environment & share tips & tricks along with intraoperative video demonstrations.

### Learning Objectives

- Review subunits of the nose
- Analyse features of primary and secondary traumatic nasal deformities
- Formulate and execute individual treatment plans
- Describe key surgical steps in correcting primary and secondary traumatic nasal deformities
- Recognise and reflect on the patient outcome compared with the treatment plan
- Apply concepts to prevent iatrogenic secondary nasal deformities

### Module 3: Traumatic injuries of the nose and central midface

TIME ZONE CET : DAVOS 10:00 – 14:15

10:00-10:05 Welcome and introduction to faculty and module  
(5 mins)

10:05-10:25 **Keynote lecture: Secondary correction of post-traumatic NOE and nasal bone deformities**  
(20 mins)

#### Learning objectives

- Analyse features of secondary traumatic NOE deformities
- Formulate and execute individual treatment plans
- Describe key surgical steps in correcting secondary traumatic NOE deformities
- Recognize and reflect on the patient outcome compared with the treatment plan

10:25-10:35 Transition time break

10:35-11:45 **Small group discussion: Mastering primary treatment of nasal pyramid and central midface fractures**

(70 mins)

(live online, 10 groups of 10 pax, 2 faculty in each group)

**Learning objectives**

- Diagnosis of nasal and central midface fractures (including septum)
- Formulate and execute individual treatment plans
- Apply emerging technologies in management
- Outline key surgical steps in correcting nasal & central midface fractures (including septal fractures)
- Outline key surgical steps in managing frontal duct involvement & lacrimal intubation techniques
- Prevent post-treatment deformities

Cases (maximum 3) should cover:

- 1- Primary nasal trauma including managing septal hematoma/fracture
- 2- Primary nasal pyramid fracture including central midface in adults with emphasis on lacrimal intubation
- 3- Primary nasal pyramid fracture including central midface in children

11:45-11:55 Transition time break

11:55-13:05 **Small group discussion: Mastering secondary correction and rhinoplasty for post-traumatic nasal deformities**

(70 mins)

(live online, 10 groups of 10 pax, 2 faculty in each group)

**Learning objectives**

- Analyse features of post-traumatic nasal deformities
- Formulate and execute individual treatment plans including intraoperative imaging and navigation
- Outline key surgical steps in correcting post-traumatic nasal deformities
- Evaluate and reflect on the patient outcome compared with the treatment plan

Cases should cover:

- 1- Rhinoplasty for post-traumatic deformities
- 2- Osseo-cartilagenous grafts to correct post-traumatic saddle nose
- 3- Secondary correction of nasal & central midface post-traumatic deformities in children

13:05-13:15 Transition time break

13:15-13:55 **Expert Panel Discussion: Managing complications and late functional problems of nasal trauma**

(40 mins)

Objectives:

- Apply concepts to prevent post-traumatic secondary nasal deformities following primary correction
- Outline key surgical steps in repair of lacrimal drainage system
- Apply emerging technologies in management
- Cases should cover:
  - DCR in Nasal/NOE trauma
  - Intraoperative navigation and imaging

13:55-14:15 **Participant Q&A and close Day 3**

(20 mins)