**Plastic Surgery Partnership**

The Division of Plastic Surgery

- Division of Plastic Surgery
- Division of Burns
  - 45 staff doctors
  - 2 Junior Staff
  - 27 Residents (6/year)
  - 10 Fellows (craniofacial, microsurgery, breast reconstruction, rhinology, oculoplastic)

Prof. Rolf Gemperli, MD, PhD

**The Division of Plastic Surgery**

- FMUSP – Medical School – 4th year
- HCFMUSP Complex – Residency Program in Plastic Surgery
- Affiliate Hospitals
  - ICESP (oncology)
  - HMIMJ (pediatric)
  - Sapopedma State Hospital (post-bariatric)
Division of Plastic Surgery

- FMUSP – Medical School – 4th year
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The Division of Plastic Surgery

<table>
<thead>
<tr>
<th>GROUP</th>
<th>SUPERVISOR</th>
<th>STATUS</th>
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<tbody>
<tr>
<td>Body Contour</td>
<td>Wilson Cintra Jr.</td>
<td>MD, PhD, Assoc</td>
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<tr>
<td>Breast Reconstruction</td>
<td>Alexandre Mendonça</td>
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<td>Burns</td>
<td>David de Souza</td>
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<td>Complex Wounds</td>
<td>Arádio Ayres Montesio</td>
<td>MD, PhD</td>
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<td>Craniofacial</td>
<td>Horacio Gomes</td>
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<td>Esthetic</td>
<td>Alexandre Lira</td>
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<td>Paulo Feijó Jr.</td>
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<td>José Carlos Machado</td>
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<td>Oral Surgery</td>
<td>Luiz Carlos Eldin</td>
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<td>Oculofacial Surgery</td>
<td>David Friedhofer</td>
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<td>Pediatric Plastic Surgery</td>
<td>Dov Charles Goldenberg</td>
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<td>Reconstrutive-ICESP</td>
<td>Fabio Busnardo</td>
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<td>Tissue Bank</td>
<td>André Paggiaro</td>
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2013 PROCEDURES

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<td>SAPOPEMBA</td>
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Plastic Surgery Residency Program

- Program Director: Dov Goldenberg, MD, PhD
- Pre-requisite: 2 years General Surgery
- Program Duration: 3 years
Residency Schedule

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<tr>
<th>1&lt;sup&gt;st&lt;/sup&gt; year</th>
<th>2&lt;sup&gt;nd&lt;/sup&gt; year</th>
<th>3&lt;sup&gt;rd&lt;/sup&gt; year</th>
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<tbody>
<tr>
<td>Ambulatory surgery</td>
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<td>Complex Wounds</td>
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<td>Complex Wounds</td>
<td>Craniofacial (Trauma)</td>
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<td>Pediatric</td>
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<td>International Visit</td>
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Focus in Plastic Surgery Residents Exchange Program

- Pediatric Plastic Surgery
- Craniofacial Surgery
- Vascular Anomalies
- Breast Reconstruction
- Reconstructive Microsurgery
- Complex Wounds

Plastic Surgery Residents Exchange Program

- 3<sup>rd</sup> year Program in PS
- 1 or 2 months duration
- Focus on 2 fields
- Primary: clinical
- Secondary: Research projects

Plastic Surgery Staff Exchange Program

- Pediatric Plastic Surgery and Vascular Anomalies (D. Goldenberg)
- Breast Reconstruction (A. Munhoz)
- Post-oncologic Reconstruction (F. Busnardo)
Staff Exchange Program

- Junior Staff/Young Staff
- Visiting Professor Program
- Special interest on Multicentric Research Projects

Research in Plastic Surgery Clinical and Experimental

- Pediatric Plastic Surgery/Craniofacial
  - CLP
    - Nasoalveolar molding
    - Stem cells for treatment of alveolar defects

- Pediatric Plastic Surgery/Craniofacial
  - Urogenital deformities
    - Vesical Extrophy
      - Abdominal wall reconstruction and umbilical vesical derivation

- Ear reconstruction
  - Evaluation of psychosocial aspects using YQOL-FD and its correlation to esthetic results after total ear reconstruction using costal cartilage grafts
• Congenital Giant Nevus
  – Skin grafts versus expanded flaps in facial reconstruction
  – Inflammatory markers and oncogenic influence of tissue expansion on melanocytes

• Vascular Anomalies
  – Treatment of Infantile Hemangiomas
    • Changes in Surgical treatment indication after introduction of betablockers in clinical practice
    • Is there a relationship between development of placental tumors (chorangiomas) and Infantile Hemangiomas?

• Vascular Anomalies
  – Surgery for complex vascular malformations
    • Surgical tactic for resection of Lip Vascular malformations (including AVM and VM)
    • Staged surgical resection for KTS

• Vascular Anomalies
  – Sirolimus in the treatment of Complex VA (mulricentric)
  – Genetic evaluation of rare syndromes associated to VA
Research in Plastic Surgery
Clinical and Experimental

• Breast Reconstruction
  – Predictive factors in Postoperative Evolution and Incidence of Complications in Reconstructive Surgery
    • Partial mastectomy in Early Breast Cancer
    • Skin-sparing and Nipple-Areola Sparing Mastectomy
    • Radical Mastectomy Reconstructive Surgery
  – Comparative Analysis of Different Microsurgical Techniques for Treatment of Breast Cancer-related Lymphedema

• Breast Reconstruction
  – Influence of Tissue Pressure on the Viability of fat Grafts Integration (Experimental Animal Model)
  – Critical Analysis of Perforator Flaps Based on Intercostal Artery in Breast Reconstruction after Conservative Breast Surgery

Plastic Surgery Partnership

• Great interest from our Residents & Staff
• Promising Relationship
• Clinical and Research
• Friendship in an era of changes in Medicine