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## Gabriel Gabarain, MD/MS

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| <b>Education</b>                   | <p>2013-2018 <b>Cleveland Clinic Foundation</b> Cleveland, OH</p> <ul style="list-style-type: none"><li>▪ Residency in Otolaryngology, Head and Neck Surgery</li></ul> <p>2009-2013 <b>Case Western Reserve University</b> Cleveland, OH</p> <ul style="list-style-type: none"><li>▪ MD and MS Applied Anatomy</li></ul> <p>1995-1999 <b>University of California, Berkeley</b> Berkeley, CA</p> <ul style="list-style-type: none"><li>▪ Double B.S., Chemical Engineering and Materials Science</li></ul>   |
| <b>Publications /Presentations</b> | <ul style="list-style-type: none"><li>▪ Gabarain G1, Baird R2, Morisada M2, Anne S1, Hopkins B1. <b>Early Otorrhea Rates: A Randomized Trial of Ciprofloxacin versus Saline Drops after Tympanostomy Tubes.</b> Ann Otol Rhinol Laryngol. 2019 Aug;128(8):760-766.</li><li>▪ Glenn IC, Bruns NE, Gabarain G, Craner DR, Schomisch SJ, Ponsky TA. <b>Creation of an Animal Model for Long Gap Pure Esophageal Atresia.</b> Pediatr Surg Int. 2017 Feb;33(2):197-201. doi: 10.1007/s00383-016-4014-y. Epub 2016 Nov 12.</li><li>▪ Tierney WS1, Gabarain G2, Kominsky AH2. <b>Healthcare usage after uvulopalatopharyngoplasty - Impact of analgesic regimen.</b> Am J Otolaryngol. 2017 Jan 23. pii: S0196-0709(17)30032-7. doi: 10.1016/j.amjoto.2017.01.024.</li><li>▪ Gabarain, G; Yau, K; Clancy, K; Anne, S; Fine, E; Abelson, T and; Krakovitz, P. <b>Partial Intra-capsular Tonsillectomy versus Total Tonsillectomy: A Comparison of Post-operative Bleeding Rates and Rate of Tonsil Tissue Regrowth.</b> Poster presentation, Cleveland Clinic Otolaryngology Residency Graduation Scientific Session, June 24, 2016.</li><li>▪ Gabarain G, Kanters A, Ponsky TA. <b>Long Gap Pure Esophageal Atresia: A Survival Animal Model and Repair Procedures.</b> Podium Presentation, International Pediatric Endosurgery Group's 21st Annual Congress for Endosurgery in Children, San Diego, CA. March 10, 2012.</li><li>▪ Gabarain G, Kanters A, Ponsky TA. <b>Pectus Excavatum and the Nuss Procedure: An Interactive Model.</b> Hands-on Training, International Pediatric Endosurgery Group's 21st Annual Congress for Endosurgery in Children, San Diego, CA. March 7, 2012.</li><li>▪ Gabarain G, Kanters A, Ponsky TA. <b>Development of a Surgical Simulator Model for the Nuss Procedure.</b> Poster Presentation,</li></ul> |

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|------------------------|---|------------------|---------------------------|---------------|-----------|-------------------------------|------------|-----------|--------------------------|------------------|
|                        | <p>International Pediatric Endosurgery Group's 21st Annual Congress for Endosurgery in Children, San Diego, CA. March 9, 2012.</p> <ul style="list-style-type: none"> <li>▪ Kanters A, Gabarain G, Ponsky TA. <b>Development of a Surgical Simulator Model for Pediatric Laparoscopic Inguinal Hernia Repair.</b> Poster Presentation, International Pediatric Endosurgery Group's 21st Annual Congress for Endosurgery in Children. 2012</li> <li>▪ Gabarain G, Garcia-Naveiro R, Ponsky TA, Boulanger SC, Parry RL. <b>Ulcerative colitis of the neovagina as a postsurgical complication of persistent cloaca.</b> J Pediatr Surg. 2012 Jan; 47(1):e19-22.</li> </ul>  |                  |                           |               |           |                               |            |           |                          |                  |
| <b>Work Experience</b> | <table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">2018-Present</td> <td style="width: 33%; text-align: center;"><b>Evolution ENT, INC</b></td> <td style="width: 33%; text-align: right;">Riverside, CA</td> </tr> </table> <p><b>Otolaryngologist, Head and Neck Surgeon</b></p> <ul style="list-style-type: none"> <li>▪ Led the implementation of the first Hypoglossal Nerve Stimulator Implant program to serve the Riverside and San Bernardino counties.</li> <li>▪ Within less than 12 months, more than doubled the revenue and income of the existing practice with minimal addition of overhead.</li> <li>▪ Led the implementation of internet based Electronic Medical Record system in previously paper-based office. Led the training of existing and incoming office staff and senior physician.</li> <li>▪ Led the transition from traditional in-office service to TeleHealth within our practice, allowing us to maintain services for 75% of our patients within 2 weeks of COVID-19 shelter in place orders.</li> <li>▪ Currently developing the process for enrollment of our eligible patients with Chronic Rhinosinusitis and Nasal Polyps into a program for biweekly Dupixent injections (including note standardization, prior-authorization application, denial appeals, pharmacy coordination and injection scheduling).</li> <li>▪ Led the implementation of new VOIP phone and answering system</li> </ul> <table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">2004–2009</td> <td style="width: 33%; text-align: center;"><b>Avery Dennison Medical</b></td> <td style="width: 33%; text-align: right;">Mentor, OH</td> </tr> </table> <p><b>Product Development Engineer</b></p> <ul style="list-style-type: none"> <li>▪ Led multiple cross-functional teams in the design and development of advanced wound care products and the processes to manufacture them.</li> </ul> <table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">2001–2004</td> <td style="width: 33%; text-align: center;"><b>Roche Diagnostics</b></td> <td style="width: 33%; text-align: right;">Indianapolis, IN</td> </tr> </table> <p><b>Process Development Engineer</b></p> <p>Led the development and optimization of state-of-the-art manufacturing processes for the production of a point-of-care glucose sensor.</p> | 2018-Present     | <b>Evolution ENT, INC</b> | Riverside, CA | 2004–2009 | <b>Avery Dennison Medical</b> | Mentor, OH | 2001–2004 | <b>Roche Diagnostics</b> | Indianapolis, IN |
| 2018-Present           | <b>Evolution ENT, INC</b>   | Riverside, CA    |                           |               |           |                               |            |           |                          |                  |
| 2004–2009              | <b>Avery Dennison Medical</b>   | Mentor, OH       |                           |               |           |                               |            |           |                          |                  |
| 2001–2004              | <b>Roche Diagnostics</b>  | Indianapolis, IN |                           |               |           |                               |            |           |                          |                  |

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|----------------------|---|---|----------------|
|                      | 1999–2001   | <b>Abaxis, Inc</b>                              | Union City, CA |
|                      | <b>Product Support Engineer</b>                                       |   |                |
| <b>Awards/Honors</b> | 2013  | Alpha Omega Alpha Honor Society Inductee        |                |
|                      | 2011  | Internat. Ped. Endosurgery Group Research Grant |                |
|                      | 2011  | UH Rainbow Surgical Specialists' Research Grant |                |
|                      | 2008  | Cleveland State University Dean's List          |                |
|                      | 1995-1999   | UC Regents' Scholarship                         |                |
|                      | 1995-1999   | Department Of Energy Scholarship                |                |
| <b>Courses</b>       | Combined Universities Sinus Course, Pittsburg, PA, August 26-27, 2016 |   |                |
| <b>Languages</b>     | Native Spoken/Written Spanish   |   |                |
| <b>Interests</b>     | Cuisine, Surfing, Skiing, Cycling, Tennis, Hiking                     |   |                |