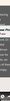
Implant Q&A: An Interview with Dr. Paresh Patel



2015 PRE-DOC Best / 2012 ORI-BOT Case Prize / 1st Place Research Prize

Please discuss why the pediatric implant dentistry research you conducted for your Master's Degree in Oral Biology was so important to the field of pediatric dentistry and how it provides treatment options to children, as well as contributes to the research in the field of Oral Implant and Reparative Implant Therapy.

Research Congress Finalist, Winner of Research Prize.

Dr. Paresh Patel: Absolutely. Thanks for having me.

SK: This graduated from the University of North Carolina, Chapel Hill Dental School in 2012 and 2015. What was the research that you did for your Master's?

PP: Oh, cool stuff. This is an implant study using Yoon-X. That was about as close as I could get to a human study. It was a pilot study. It was a study that looked at the effect of the implant, the surgical trauma, and the bone that is used as a substitute for bone that we were lacking. There was no implant placement in the study, just the surgery.

SK: There were no grafting or replacement to remove a given space, right?

PP: No, even in the xenografts. Xenografts are bone substitutes, we weren't exposed to xenotransplantation. We were looking at the potential for the general practitioner or advanced trained.

SK: This is a well-known and well-established technique, right? It's been used by both prosthodontists and periodontists.

PP: Yoon. 1996 to about 2006. I worked on it a little bit in my residency and I worked on a couple surfaces. I was under the impression that it was a technique that was being used by prosthodontists. I didn't know that it was used by periodontists. I didn't know that it was used by oral surgeons.

SK: Do the implants that actually were placed, the patient was referred to you, and the implants were placed, right?

PP: Yes. The patient would be referred to me and the chart. I picked up the phone and called the pediatric dentists. I would see the patient with orthodontists because I'm an oral surgeon. I would place the implant, I would place the bone, I would place the 2.7 or 3.0 and I would place the implant. I would place the bone. I would place the 3.0. I would place the implant. I would place the bone. I would place the 3.0. I would place the implant. I would place the bone. I would place the 3.0.