

Consortium for Technology and Innovation in Pediatrics (CTIP)

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Research Areas



Tool Development

Innovation



Product Development

Device

At a Glance

- Status: **Active Consortium**
- Year Launched: **2011**
- Initiating Organization: **Children's Hospital of Los Angeles**
- Initiator Type: **Health-care organization**
- Location: **North America**

Abstract

CTIP services the Southern California community by helping innovators understand pediatric commercialization challenges early in the process and to identify viable paths to market through innovative business models and collaboration. CTIP brings together the best experts to accelerate the development of pediatric medical devices, a path with many obstacles due to the often small target populations and the challenges of addressing a vulnerable population. These experts advise aspiring device developers on the manufacturing process, intellectual property protection, regulatory oversight, funding opportunities, clinical trial design, and commercial partnerships. CTIP has relationships with key stakeholders in the medical device ecosystem including medical centers, innovators, parents, and patient advocacy groups.

Mission

CTIP aims to sustain a needs-driven pipeline of new pediatric medical devices and to develop successful models to increase the likelihood of commercializing these medical devices for children. CTIP provides feasibility analysis tools, resources, and services as well as assembles and educates pediatric product development teams. CTIP is dedicated to promoting and advancing the



commercialization of pediatric medical devices by serving innovators and companies and by engaging clinicians, engineers, patients, and the business community in the process of assessment and development of novel technologies related to pediatric care. CTIP continually seeks to build its relationships with a variety of stakeholders, such as the medical device industry, medical centers, innovators, parents, and patient advocacy groups. CTIP has supported nearly 100 pediatric device projects since its inception. Today, CTIP's active portfolio includes more than 30 technologies and pediatric medical devices.

Consortium History

CTIP was established in 2011 to support and foster collaboration in pediatric device and technology development.

Financing

Since 2013, CHLA (Children's Hospital of Los Angeles) received grant support from the U.S. Food and Drug Administration (FDA) as a pediatric device consortium to advance pediatric device development and enable CTIP to function as a pediatric device accelerator. CTIP works closely with CHLA's Office of Sponsored Programs and its foundation to identify relevant external funding opportunities for projects, including funding through the National Institutes of Health, National Science Foundation, private industry, and foundations. You can access a number of internal funding resources for clinical and translational projects to help transfer your inventions to industry and/or to create startups based on your technology. USC and CHLA internal funding sources total over \$3 million annually.

Intellectual Property

CTIP's affiliates (e.g. USC Stevens Institute for Innovation for USC-based inventors, CHLA Office of Technology Transfer for CHLA-based inventors) can help you understand the IP landscape relative to your device and assess its general freedom to operate in the field. IP strategies include working around prior art, challenging existing patents, obtaining licenses, or avoiding wasted investment. Click [here](#) for



information relating to IP and patient resources

Data Sharing

All rights to inventions, whether patentable or not, conceived or first actually reduced to practice by one or more applicants will belong to those submitter. Inventorship is decided between and among the team members involved with a given invention. Team members agree to negotiate in good faith the disposition of joint invention.

Impact/Accomplishment

For Information on recent CTIP projects, click [here](#)

Links/Social Media Feed

Homepage <http://www.scctip.org/>

Points of Contact

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Sponsors & Partners

Children's Hospital of Los Angeles
University of Southern California



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