

**H.  .P.E.**  
**Human Orthotic and Prosthetic Education**

- IPRO 309 started in spring 2006
- 2.5 million people in need of O and P care in Latin America
- Only 50 certified O and P practitioners in Latin America
- Only 1 ispo accredited program in Latin America
- Centro Don Bosco, Don Bosco university, Laboratorio Gilete

**ipro 309**

**ipro 309 objective**

**organization of team**

**sub-group goal**

**obstacles encountered**

**anticipated challenges**

**ethics**

**questions?**

**ipro 309**

**ipro 309 objective**

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**ethics**

**questions?**

**The overall goal of our IPRO team is to create a program for delivering orthotics and prosthetics that is sustainable.**







**This will be accomplished by “improving cost effectiveness of orthotics” and “promoting awareness of treatment and O & P careers available” .**

## Central Fabrication

orthotic services

clinical facility

shop

|   |   |   |
|---|---|---|
| “off the shelf”   |    |    |
| “custom made to measurement”<br>(not available in Colombia) |    |    |
| “custom fabricated”   |  |  |

ipro 309

**ipro 309 objective**

organization of team

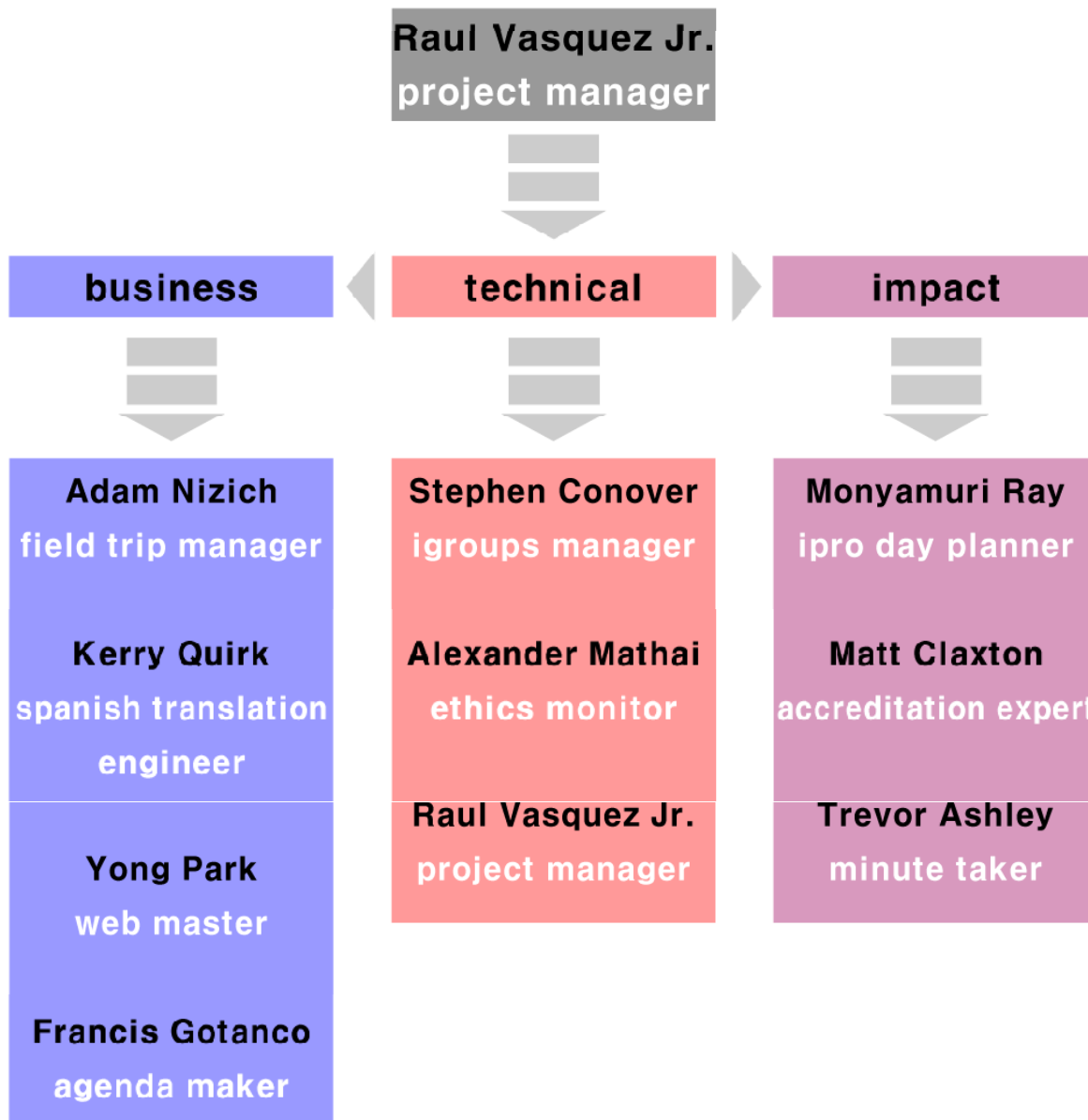
sub-group goal

obstacles encountered

anticipated challenges

ethics

questions?



**ipro 309**

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**ethics**

**questions?**

**To create a business plan for a sustainable education program for the OP Category 3 education at Centro Don Bosco.**

**This will include examining income options and managing funds.**

**ipro 309**

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**business**

**technical**

**impact**

**obstacles encountered**

**anticipated challenges**

**ethics**

**questions?**

**Improving the efficiency, cost, and availability of orthotics for use in impoverished Latin America.**

**This will be done by creating a temporary orthosis concept, and an orthosis with interchangeable parts.**



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**business**

**technical**

**impact**

**obstacles encountered**

**anticipated challenges**

**ethics**

**questions?**

**The overall convergence of the business and technical side to provide a complete picture .**

**This will be done under two categories , Social Awareness and Telemedicine.**



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**ipro 309**

## **Business**

- Don Bosco business plan completely translated, working with technical team to create service sheet ready for Don Bosco

## **Technical**

- received materials toward creation of concept, working with materials to create orthosis, contact with Laboratorio Gilete

## **Impact**

- preliminary research accomplished for social awareness methods and to promote O and P career

**ipro 309 objective**

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progress**

**obstacles encountered**

**anticipated challenges**

**ethics**

**questions?**

- **Communication with Don Bosco**
- **Lack of Information**
- **Business plan**
- **Funding requests**
- **Changed thinking, abstract to concrete**



**ipro 309**

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**obstacles encountered**  
**business**  
**technical**  
**impact**

**anticipated challenges**

**ethics**

**questions?**

- Feasible idea
- Time and money



ipro 309

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**obstacles encountered**

business

**technical**

impact

anticipated challenges

ethics

questions?

## O and P not quite considered as a career path

### solution

- Considering the proposal of and Pre O and P. Just as similar as Pre- Med , Nursing , Law like in any accredited program.
- Right methods to brainstorm ideas for Social Awareness and Telemedicine or lack of adequate information on awareness methods.



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ipro 309 objective

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**obstacles encountered**

business  
technical  
**impact**

anticipated challenges

ethics

questions?

- Communication
- Acquisition of material
- Lack of experience

**ipro 309**

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**obstacles encountered**

**anticipated challenges**

**ethics**

**questions?**

- Communication
- Understanding Limitations
- Use of Resources
- Appropriate Technology
- Contractual Obligations
- Plagiarism

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**obstacles encountered**

**anticipated challenges**

**ethics**  
**internal**  
**external**

**questions?**

- Communication
- Understanding Limitations
- Use of Resources
- Appropriate Technology
- Colombian Law
- Sharing All Info (Med. History)

**ipro 309**

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**obstacles encountered**

**anticipated challenges**

**ethics**  
internal  
**external**

**questions?**

**do not be afraid...**

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**questions?**