



## TRAINING PLAN FOR GLOBAL GRANTS

Grant number: GG2118639 – Enhancing Foot and Ankle Surgery Capability in Agra, India

For each training activity included in the global grant, provide the following information, as applicable (add additional boxes as necessary):

### TRAINING 1

<p>What is the training topic?</p>	<p>Surgical and postoperative management of congenital and acquired musculoskeletal and neuromuscular conditions affecting the foot and ankle in both the pediatric and adult population, with an emphasis on neglected pathology. Examples of these conditions include, but are not limited to:</p> <ol style="list-style-type: none"> <li>1. Congenital Clubfoot</li> <li>2. Cavoadductovarus deformities</li> <li>3. Congenital Vertical Talus</li> <li>4. Post-polio related deformities</li> <li>5. Polydactyly and polymetatarsia</li> <li>6. Foot and ankle deformities secondary to spinal dysraphisms</li> <li>7. Cerebral palsy and other upper motor neuron and lower motor neuron related deformities (e.g. equinus, equino-adductovarus, triple flexion contracture</li> <li>8. Post traumatic deformity</li> <li>9. Torsional and rotational disorders</li> <li>10. Hemimelia</li> </ol>
<p>What are the objectives of the training? Provide the curriculum.</p>	<p>For each of the conditions in the sample list above:</p> <ol style="list-style-type: none"> <li>1. Identify pathology</li> <li>2. Perform biomechanical and neurologic assessment for pre-walker, early walker, older children and adults</li> <li>3. Review underlying pathomechanics and dynamic imbalances in muscle function</li> <li>4. Review gait abnormalities</li> <li>5. Review and discuss radiographs</li> <li>6. Discuss surgical and conservative options</li> <li>7. On-site supervised surgical involvement by local surgeons and Operation footprint faculty</li> <li>8. Discuss perioperative course and long term management needs</li> <li>9. Discuss post-surgical bracing and physical therapy objectives</li> <li>10. Discuss use of appropriate orthotic types</li> </ol>
<p>What activities will be done to support the training?</p>	<ol style="list-style-type: none"> <li>1. Perioperative meetings with local physicians and surgeons in the community, onsite and virtually</li> <li>2. Onsite and virtual lecturing by Operation Footprint faculty on relevant topics</li> <li>3. Grand rounds with local surgeons preoperative and at postoperative intervals</li> <li>4. In-operatory training</li> </ol>

<p>What is the length of the training? How often will the training be offered?</p>	<ol style="list-style-type: none"> <li>1. Virtual in-servicing (lectures, grand rounds, etc.) with Operation Footprint faculty will occur throughout the year at predetermined times.</li> <li>2. On-site training with Operation Footprint faculty will occur during the actual annual surgical missions.</li> </ol>
<p>Who is conducting the training? What are the trainer's qualifications?</p>	<p>Operation Footprint Faculty consists of board certified foot and ankle surgeons with an extensive track record (Over 40 years of experience in this type of training at its locations in Mexico, El Salvador and Honduras. Please visit <a href="http://www.operationfootprint.org">www.operationfootprint.org</a>.</p>
<p>Who is receiving the training? How many men? How many women?</p>	<p>Orthopedic surgeons General physicians Physical Therapists Prosthetists Nurses Ancillary staff</p>
<p>What are the expected outcomes of the training?</p>	<p>Local physicians and support medical personnel will be empowered to better diagnose and manage patients with the described conditions, which are abundant in Agra. In addition, many of the surgical and assessment skills acquired are equally applicable to non-neurologic patients, so that they deliver expanded care to the non-indigent population in the community as well.</p>
<p>How will participants demonstrate their new skills and knowledge?</p>	<p>On site they will participate in the surgeries performed along with the Operation Footprint faculty. Therefore, this aspect is direct observation.</p> <p>Off site, they will demonstrate their diagnostic and management skills through virtual conferencing and grand rounds on both the patients involved in the specific surgical sessions, as well as with any of their other community acquired patients.</p>
<p>How will this training be evaluated?</p>	<p>Through both on-site and virtual conferencing Operation Footprint Faculty will evaluate and provide feedback to the local physicians and support staff.</p>
<p>Will there be follow-up training, communication, or observation of participants?</p>	<p>As referenced above, through annual on-site trips and virtual conferencing throughout the year.</p>
<p>Is this new training as a result of the grant or an ongoing training? If the latter, will this training be offered to new participants? Please provide a brief explanation.</p>	<p>The training began initially through GG 1875428. Thereafter, Operation Footprint surgeons were invited to attend the September 2019 surgical session and interacted didactically and clinically with local physicians and members of the Agra Orthopedic Society to discuss the potential for the expansion of the virtual didactic and on site clinical interaction with patients.</p>