AmSECT. The Place Where Perfusionists Come To Learn and Educate.

As a perfusionist, you belong in a society of your peers. As an AmSECT member, you have the opportunity to keep up with the ever-changing extracorporeal technology, enjoy comradery and career growth with like-minded professionals and challenge yourself by taking part in many rich educational offerings.

JOIN AmSECT NOW ➤

Earn 45.5 CEUs!
Early Registration Through March 24

53rd International Conference
April 14-18, 2015
Marriott Tampa Waterside

Check Out AmSECT's Outstanding Publications for FREE!

The Journal of Extracorporeal Technology
The leading publication related to extracorporeal technology. Published quarterly.

AmSECT Today
AmSECT Today is the official newsletter for AmSECT and offers our members informative articles, upcoming events, educational offerings, student perspectives, challenging quizzies and many ways to stay current in the ever-evolving perfusion environment. Published bi-monthly.
Perfusion Without Borders presents

CardioStart – 8 years in Arequipa

William Scott Snider
Duke University Hospital
Durham, North Carolina
Arequipa, Peru
Arequipa, Peru
Hospital Regional Honorio Delgado

- Equipment
- Anesthesia
- Intensive Care
- Lab
- Respiratory Care

- Cardiology/Cardiac Surgery
- Strategy
- Schedule
- Conclusion
Eight pediatric surgeries. Two deaths.
Five adult surgeries. Two deaths
Seven formal classes
Recommendations
Medical Report September and April 2007

September
- Three adult surgeries
- Blood cardioplegia introduced in Arequipa
- Pediatric surgery introduced in Lima
- Cardiology assessments
- Respiratory therapy

April
- Three adult surgeries
- ICU fire, container held in customs
Medical Report Sept-Oct 2009
Twelve adult surgeries. Nine pediatric surgeries

Cardiological evaluations

Intra-op TEE introduced

Cardiac symposium at local nursing school

Dialogue with Peruvian Vice President
• Nine adult surgeries. Six pediatric surgeries
• 50 cardiology consults
• New local thoracic surgeon hired
• New social security program allows hospital to purchase its own cardiac disposables
• Health screening
Medical Report Sept-Oct 2012

- Eleven adult surgeries
- Nine pediatric surgeries
- 100 cardiology consults
- Health screenings
- Medical brochures
ATACUE DEL CORAZÓN
Molestia o dolor en otras áreas del cuerpo superior
falta de aliento
Sudor frío, náusea,
Mareo

CARRERA
Entumecimiento o debilidad repentina a cara, brazo o pierna (especialmente un lado del cuerpo)
Confusión repentina, dificultad para hablar o entender
Dificultad repentina para ver con uno o ambos ojos
Dificultad repentina para caminar, mareos, pérdida de equilibrio o coordinación
Dolor de cabeza repentina severo sin causa conocida

Tratamiento del accidente cerebrovascular y ataque al corazón: ambulancia de llamada, ir al hospital inmediatamente.
Medical Report Oct 2013

- Ten adult surgeries. Two pediatric surgeries.
- 302 health screenings
- 105 physical exams
What went wrong in Arequipa

- Insufficient government funding
- Lack of appropriate leadership
- Lack of disposables
- Lack of appropriate drugs
- Lack of cooperation between the hospital and staff, and the hospital and charity
What went wrong in Arequipa

- Lack of local staff
- Lack of charity volunteers
- Unavoidable events
- Customs
- Poor communication
- Lack of motivation / practice
“..our work there brought hemodialysis from out of two machines in a dark hole of the basement..”

“…the blood bank went from a little room with a failing standard refrigerator to a real lab with medical grade equipment…”

“…we built a pediatric ICU…”
“…we took students and new nurses and trained them, from novices to experts. We are in contact with many of these people and follow their success and lives.

As you can surmise, we made waves, and despite not making a self-sustaining heart surgery program we did many other things that save lives and supported a hospital to care for the indigent. At the end of the day, I will always be proud of that…”