



Spine Division Update

Harvey Smith, MD



Spine Faculty



Harvey Smith, MD



Vincent Arlet, MD



Amrit Khalsa, MD



Comron Saifi, MD

The academic year has been one of continued growth for the spine division.

Clinical Growth

Over the past year Drs. David Casper and Rush Fisher joined our division.

Research

Our division has been established as a leader in both basic science and clinical spine research. Our translational research is conducted in partnership with the Translational Musculoskeletal Research Center at the VA, developing the first in vivo large animal tissue-engineered total disc replacement. Our clinical research division is led by Dr. David Casper. Dr. Casper is investigating outcomes for our complex deformity patients as well as all adult spine patients. Dr. Khalsa is continuing his research interests in evaluating cost-effectiveness and risk adjustment models in spine surgery. Dr. Arlet continues his role as an international thought leader in complex spinal deformity.

Academic Productivity

Penn Ortho Spine has been represented in over 20 peer-reviewed publications, abstracts and presentations. Our faculty chair committees at North American Spine Society, and have organized Instructional Course Lectures at national and international meetings.

Outreach Surgery

Under the leadership of Dr. Arlet, Penn Spine maintains an ongoing outreach program in Trinidad managing complex spinal deformities; this program has received national and international recognition. Dr. Khalsa maintains an ongoing outreach program in South America. The spine fellows participate in the outreach program.

Spine Fellowship

Our spine fellowship is entering its fifth year of partnership with the Shriners Hospital of Philadelphia. Our complex spinal deformity fellowship is unique in that offers a combined adult and pediatric complex deformity experience.