W. Grant Stevens, MD

President, The American Society for Aesthetic Plastic Surgery (ASAPS)
Board Member, Aesthetic Surgery Education & Research Foundation (ASERF)
Clinical Prof. of Surgery, USC Keck School of Medicine Division of Plastic Surgery
Director of USC’s Aesthetic Surgery Fellowship
> 35 years experience with breast implants (placed > 10,000)
Used textured breast implants almost exclusively since 1991
Published author of multiple peer-reviewed papers on breast implants and breast surgery including a recent 10-year follow-up study of 5,000 breast implants
The Aesthetic Society: Leading Medical Society for Cosmetic Plastic Surgeons

- Cosmetic Breast Implant Surgery is one of the most popular procedures performed in U.S.
- The Aesthetic Society represents 2,100 active members, all of which are board-certified Plastic Surgeons.
- Plastic surgeons represent more than >90% of physicians performing cosmetic breast implant procedures.
- The Aesthetic Society supports independent, data-driven research:
  - Peer-reviewed publication *Aesthetic Surgery Journal (ASJ)*
  - Continuing Medical Education via annual meetings and symposia.
  - The Aesthetic Surgery Education & Research Foundation focuses on research to study BIA-ALCL and Breast Implant Illness/systemic issues.
Topics of Importance to The Aesthetic Society and ASERF

• Patient/surgeon collaboration and patient advocacy

• Embracing new technology and research

• Educating and training physicians

• Patient education

• Informed patient choice
Improved Patient/Physician Dialogue Through New Digital Technologies

• Critical for physicians and patients to partner on follow-up and ongoing monitoring

• The Aesthetic Society joined with ANZU to develop the Aesthetic Neural Network (ANN)
  • A unique, user-friendly, electronic, automated data collection system that gathers and evaluates customized long-term data
ANN Supports Better Understanding of Risks, Benefits and Long-term Safety of Breast Implants

- Data-sharing cooperative
- 240 data sources
- 3.6 million standardized / mapped procedures
- >730,000 patients, of whom >144,000 are breast implant patients
- Frictionless data entry built around a practice calendar
- Patient survey forms
- Peer-reviewed articles and videos
- Physicians can join a study or activate a patient in a study protocol
- Long-term breast implant patient tracking and surveillance with data that can be shared with NBIR
- All patient data collected is anonymized and de-identified adhering to HIPAA
NEED FOR ONGOING TRAINING FOR PHYSICIANS AND PATIENTS AND PHYSICIAN EDUCATION

• Tracking for BIA-ALCL emerged in 2011, many physicians were unaware of its existence

• Physicians need to be aware of latest data to better serve the patient community

• Our mission is to improve data sharing amongst physicians and patients

• Collaboration with patient communities is critical such as ASAPS’/Plastic Surgery Channel’s efforts with the largest BIA-ALCL patient advocacy group online

• It is important to have scientifically valid, data-driven evidence to properly address risks
ADVANCING SAFETY AND EFFECTIVENESS OF AESTHETIC MEDICINE

• ASERF (research arm of The Aesthetic Society) was founded in 1993

• Funded 36 clinical studies in past decade

• Currently funding 3 studies
  1. Led by Dr. Marshall Kadin on pathogenesis of BIA-ALCL
     • Detection and quantification of cytokines
  2. Led by Dr. William Adams on implant irrigating agents
     • For biofilm prevention and eradication
  3. Led by Dr. Robert Whitfield on BII or systemic symptoms and breast implants
     • Examine associations with specific genetic markers like MTFHR gene
THANK YOU!