



# Promoting Excellence In Ultrasound

## **Policies and Statements**

# **A6**

Safety Statement On Acoustic Streaming

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#### **Safety Statement On Acoustic Streaming**

*September 1998, Reaffirmed February 2000, Reaffirmed June 2008*

Flowing movement of particles in liquid-filled anatomical structures and body cavities is commonly seen in diagnostic imaging at higher levels of output used with modern ultrasound equipment.

The radiation force exerted on particles, produces motion that is seen along the axis of the ultrasound beam in the direction away from the transducer.

The streaming velocities involved in clinical diagnostic applications are low, and the limited data on biological effects of streaming suggest that there are no safety concerns.



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