

# About **VISION**

## **VISION: Vascular Intervention & Stroke Innovation thrOugh Neuroimaging**

### **Our mission**

The primary objective of the Vascular Intervention & Stroke Innovation thrOugh Neuroimaging (VISION) is to establish a diverse platform where experts from both the public and private sectors can collaborate, share their expertise, and reach a consensus on strategies aimed at enhancing vascular intervention and stroke innovation through neuroimaging. VISION aims to foster advancements in research studies and clinical practice in this field. To achieve this, VISION will facilitate a comprehensive multidisciplinary collaboration involving key clinical disciplines such as neurosurgeons, neuroendovascular surgeons, neurointerventional radiologists, and neurologists.

### **Who is involved**

VISION architecture thus includes 3 major stakeholders from research and practice in the field of vascular intervention and stroke innovation through neuroimaging: academia (leading international physicians/scientists from all involved disciplines), industry (scientists and executives from private sector pharmaceutical, device, and imaging companies), and regulatory institutions (executive managers, physicians and scientists from NIH and FDA).

### **Agenda**

The **VISION** program begins with a full-day conference that offers a comprehensive exploration of cutting-edge neuroimaging technologies and their application in stroke diagnosis, treatment, and management. It is divided into four

focused sessions, each addressing crucial aspects of stroke care emphasizing the latest advancements in clinical and research methodologies. The agenda includes:

- SESSION 1: MOBILE NEURODIAGNOSTICS FOR STROKE DETECTION AND MANAGEMENT
- SESSION 2: ACUTE ISCHEMIC STROKE CHARACTERIZATION AND QUANTIFICATION
- SESSION 3: NEUROIMAGING EVALUATION IN THERAPEUTIC DRUG/DEVICE DEVELOPMENT
- SESSION 4: NEUROIMAGING FOR HEMORRHAGE DETECTION

The second day of the VISION is focused on the consensus process to develop recommendations and reach a consensus on strategies aimed at enhancing vascular intervention and stroke innovation through neuroimaging. Participating experts from academia, industry and regulatory institutions are divided into 3 groups for preparation of the consensus recommendations. They are provided equal opportunity to contribute to a facilitated discussion process, during which recommendations developed are presented, openly discussed, and may be amended, expanded, replaced, and refined by the group. Each of the 3 content groups then present their recommendations to the entire assembly. Writing committees draft the manuscripts for review of the group and the resulting articles are then published.

Second Day Workshops (3 groups):

- WORKSHOP 1: MOBILE STROKE DIAGNOSIS
- WORKSHOP 2: STROKE IMAGING MEASURE OF THERAPEUTIC IMPACT
- WORKSHOP 3: EVOLVING DEFINITIONS OF HEMORRHAGIC TRANSFORMATION

## **Funding**

Please note, VISION does not receive any government funding.

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