

# Recovery & Rehabilitation Working Group Update

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# Progress in recovery & rehabilitation applications

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- Efforts to reach out broadly have thus far generated
- 28 leads, to whom we promoted StrokeNet and offered help; includes StrokeNet and non-StrokeNet sites as well as industry; has resulted in
- 7 Clinical Study Concept Synopses, outcome of which has been
  - 1 funded trial
  - 3 PI's at grant writing stage
  - 1 Synopsis to be presented to our Group later this month
  - 1 converted to R01 instead of StrokeNet
  - 1 halted after further dialogue with Scott/Claudia

# Factors limiting recovery & rehabilitation applications

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## 1. Novel complexities with recovery & rehabilitation studies

- Treatments target the brain not clots or cholesterol—measuring and controlling events during the 90 day black box matter greatly.
- Less data to guide entry criteria
- Less data on biomarkers
- Less data on outcome measures

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## 2. It's a new research culture

- Recovery & rehabilitation research bridges emergency medicine, acute stroke, rehabilitation medicine, neurosurgery, physical therapy, occupational therapy, speech therapy, psychology, primary care medicine, and more—often in new ways or to new depths.
- By contrast, the research culture of acute stroke has been fostered for years, e.g., the Specialized Programs of Translational Research in Acute Stroke (SPOTRIAS) RFA was issued May, 2001.

# Factors limiting recovery & rehabilitation applications

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- From the 2012 SPOTRIAS Executive Summary:

*“During the 10 years of the program, the NINDS has been successful in incorporating 8 comprehensive stroke centers into the SPOTRIAS program ... SPOTRIAS has had tremendous success in fostering collaboration (especially across disciplines) and training the next generation of stroke researchers. Its clinical cores have enabled timely assessment, management, and incorporation of research into acute stroke.”*

## Next steps

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- We will continue to push, pull, promulgate, pursue, plead, inquire, announce, and network. All suggestions welcomed.
- Possibility of an NIH-sponsored meeting focused on promoting stroke recovery & rehabilitation clinical trials, to promote this opportunity and to accelerate submission of meritorious applications.

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