

[P02.147] Applicability of NINDS-Sponsored Studies to Community-Based Physician Involvement

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OBJECTIVE: The CRC assessed a sub-sample of the more than 1000 current NINDS-sponsored clinical research studies to determine which potentially could involve community physicians in enrollment and/or follow-up. **BACKGROUND:** Most clinical research studies sponsored by the National Institute of Neurological Disorders and Stroke (NINDS) develop de novo recruitment/follow-up infrastructure. The NINDS Clinical Trials Group established the Clinical Research Collaboration (CRC) Project in 2005 to increase efficiency of research conduct and implementation of research results into clinical practice.

DESIGN/METHODS: Scoring factors were based on the premise that participation is feasible for non-invasive studies with simple screening, and follow-up criteria and visit frequency consistent with usual care. One hundred twelve studies were scored (27 phase III, 30 phase I/II and 55 non-clinical trials) for the level of community physician involvement as follows: (1) fully participate, (2) perform some follow-up, (3) screen and refer only, (4) can not participate. **RESULTS:** Overall, 41% of the sampled research studies were considered conducive to community physician participation that exceeds referral only; 21% with participation in all study activities and 20% with ability to provide some follow-up. If the need for complex and time-consuming neurological or psychological testing was reduced or simplified, more studies would be conducive to participation of community physicians. **CONCLUSIONS/RELEVANCE:** Many studies are currently available in which community-based physicians could participate. Involving community physicians would increase efficiency of completing clinical research and encourage application of research findings in community practices. Future design of streamlined, pragmatic studies could increase further participation by community physicians. Supported by: NINDS ContractHHSN265200523641C.

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