

Brain Trauma Foundation Severe TBI Guidelines

(Adults, Pediatrics and
Prehospital)

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InTBIR October 30, 2017





This material is based upon work supported by the US Army Contracting Command, Aberdeen Proving Ground, Natick Contracting Division, through a contract awarded to Stanford University, and a subcontract awarded to OHSU

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Annette Totten: Conflict of Interest

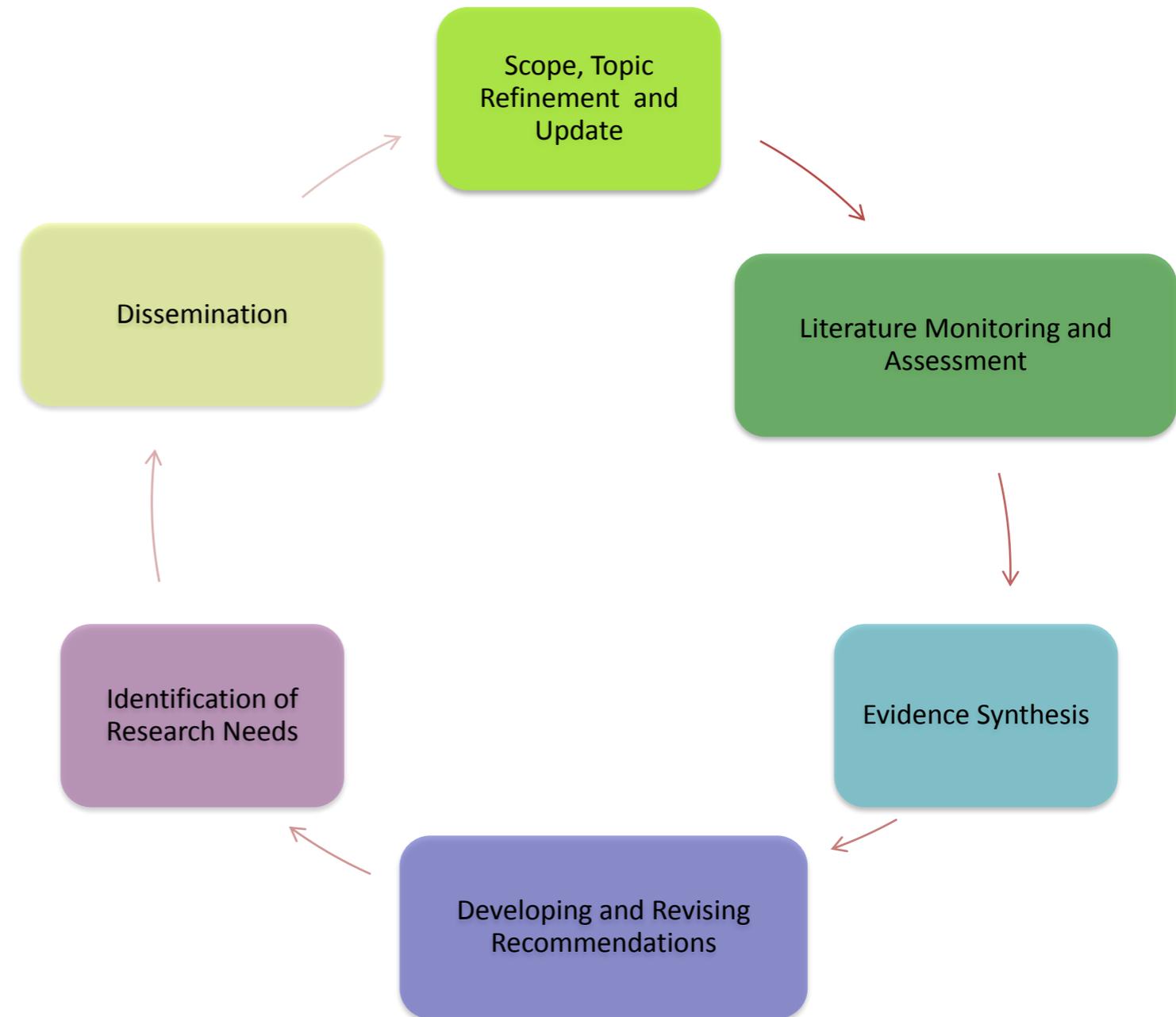
- No financial interest
- Employee of OHSU
- Funding from Stanford for this project
- Other project funding: PCORI and AHRQ

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Guideline	Current Status	Editions, Date
Acute Management of Severe TBI (Adults)	Updated 2016; Monitoring Literature	4 th Edition, 2017 3 rd Edition, 2007
Management of Pediatric TBI (in hospital)	Update near completion, publication 2018	2 nd Edition, 2012
Prehospital Management of TBI (All ages)	Update in progress, completion mid 2018	2 nd Edition, 2007

Major Components of Guidelines

- Guidelines
 - Literature Identification and Synthesis
 - Evidence-based Recommendations
 - Protocols/Algorithms
 - Supplement where evidence is lacking
 - Guideline on order of treatments
- Components
 - Structure and processes affect all components to some degree



Future Directions and Issues (my opinion)

- Trends in Evidence-based Medicine
 - Current: 5 years or less in some fast changing fields
 - Open access
 - Expectation for translation to policy and tools
- Infrastructure needed for Living Guidelines and Living Systematic Reviews
 - Documentation
 - Standardization
 - Transparency
 - Interoperability of tools; ability to share and transfer data
- Obstacles
 - Funding models (one time vs. ongoing)
 - Role of “volunteer” experts and managing burden
 - Shortening timelines and need for faster results
 - Publishing: procedures and formats

Final Comment/Charge: We need to ask the right questions, use methods that get good answers, and present results in formats that are usable.



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