Research 2004-2006

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Parkinson’s Disease and Movement Disorders Center
USF
1. Essential Tremor

- Most common adult movement disorder in the world

Essential Tremor Research

- Double-blind controlled trials to assess pharmacotherapy for Essential Tremor
  - Pregabalin (Lyrica) in the treatment of ET (submitted to Movement Disorders)
2. Parkinson’s disease: non-motor symptoms


2. Lead author on AAN guideline on prevalence, diagnosis, and treatment of non-motor symptoms in PD
Non-motor symptoms: future research

- Performing controlled trials to assess management of non-motor symptoms in PD patients for
  - Urinary incontinence
  - Constipation
  - Anxiety
  - Restless leg syndrome
  - Depression
3. The Role of Antiepileptics in Movement Disorders

- Levetiracetam as an anti-dyskinetic agent
- Zonisamide as an anti-tremor agent
- Pregabalin as an anti-tremor agent
- Evaluation of movement disorder exacerbation with some antiepileptics (i.e., lamictal)
4. Homocysteine

Homocysteine

Future research

- The role of homocysteine in the pathogenesis of additional movement disorders
Papers accepted 2004


Papers accepted 2004


Papers accepted 2005


Papers accepted 2005


Papers accepted 2005


Papers accepted 2005


Papers accepted 2006


Papers accepted 2006


Papers accepted 2006


Papers accepted 2006

