Movement Disorders Clinic from 1/00-10/15/04 and diagnosed were included. All patients had definite ET1 and probable Here we characterize patients with typical PD who also had childhood-onset ET. The childhood symptoms are an unlikely prior studies, as action tremor can be an initial PD symptom. A close temporal association between the onset of ET and PD, 22 (77.3% male) met inclusion criteria.  Clinical data accurately recalling the onset, the mean age at onset of ET was 13.8 years (range 8–20). Most common ET symptoms were kinetic (86.4%), postural (72.7%), and head (45.5%) tremor. Tremor improved in 8/14 subjects with alcohol, 6/13 with beta-blockers, and 3/7 with primidone. Average age at PD onset was 59.5 years (range 43–85). Of 11 reporting asymmetric ET (73% on the right), PD began on the same side in 10 (49.5%). PD symptoms were more prominent on the right in 8 (72.7%) patients with ET-PD had tremor-dominant in 18 (81.8%). 81.8% had a FHx of ET in 1st manifestation.

**RESULTS** 225 patients were diagnosed with co-existant ET and PD [Table 2] 22 met inclusion criteria
14 reviewed with their relatives were interviewed by telephone

**Characteristics of Table 3 [4]**
- **Average age at onset:** 59.5 yrs (range 43–85.10)
- **Mean latency from onset of ET: 39.7 yrs (range 29–60, SD 9.3)**
- **Mean PD duration at initial evaluation:** 3.9 yrs (range 1.0–23.3, SD 4.8)
- **15 (68.2%) reported onset of rest tremor as their first PD manifestation**
- **18 (81.8%) had tremor-dominant PD**
- **11 (50%) patients reported asymmetric childhood ET**
- Symptoms were more prominent on the right in 8 (72.7%)
- PD symptoms began on the same side as their more prominent ET symptoms in 10 (41.9%, p<0.024)

**DISCUSSION**
This study provides evidence that some patients with ET later develop PD. The same side-predominance of ET and PD suggests the two are associated. Most subjects had a family history of ET, indicating a genetic predisposition to tremor. The progression and pathogenesis of the ET-PD syndrome require further study. The issues can be fully addressed only by prospectively following a large sample of ET patients.

**REFERENCES**
• Bertolli-Avella AM, Giroud Benitez JL, Bonifati V, et al. Evidence for a gene for familial primary Parkinson disease on 19p in a large Catan family with late on...