ESP-treated PD patients (n=60)
1. On peritoneal dialysis ≥ 1 month.
2. On DPO for ≥ 1 month
3. 18 years or over.
4. Able to give informed consent.
5. No clear cause for anaemia identified.
   (other than uraemia or iron deficiency)
6. Ferritin < 500 µg/mL & TSAT < 50%

Randomization (stratified by TSAT)
1:1

Ferrous sulphate SR
1 tablet b.d. p.o.
(n=30)

HIP
1 tablet b.d. p.o
(n=30).

6 months observation (2-monthly TSATs)

Primary outcome measure:
TSAT difference between 2 groups