Figure 1: Study flow chart:

1. Patients with inadequate hypertension control
2. Assessment of study eligibility
3. Eligible and informed consent
4. Baseline assessment
5. Randomisation
   - Usual care and HBPM with usual blood-pressure diary
   - Usual care and HBPM with colour coded blood-pressure diary
6. Documentation of contacts
7. Final assessment of primary and secondary outcomes after 6 months
8. Not eligible:
   - Do not fulfill inclusion criteria
   - Refuse to participate
   - Other reasons