

Audit on management of Hypertension in a Hospital Authority General Out-patient Clinic

**Can we improve the Management of
Hypertension in a General Out-patient
Clinic?**

Aim

- To improve the quality of care on management of hypertension in general out-patient clinic.
- Hypertension is most commonly encountered chronic disease in GOPC.

2 cycles of audit

- 1st cycle: July 2011 to June 2012 (N=348)
- 2nd cycle: July 2012 to June 2013 (N=345)

Results

- 29 out of 33 criteria including the 2 outcome criteria could reach the standard set.
- 3 out of 33 criteria though could not reach the standards set, they were able to achieve significant improvement ($p < 0.01$) after implementation of changes. (namely assess the Lipid profile, obesity and assessing heart failure symptoms in hypertensive patients.)
- Assessment on diabetes was the only criterion that neither met the standard nor with significant improvement though the target was increased from 87.7% to 93.1%. One of the main reasons contributed to the deficiency was that there were patients refused or defaulted blood test.

Result

- The latest recorded BP readings were less than:
 - - 140/90mmHg for patients without DM or CKD (Cycle 1: 59.3%, Cycle 2: 79.6%, $p < 0.001$)
 - - 130/80mmHg for patients with DM or CKD (Cycle 1 38.8%, Cycle 2: 59.2%, $p < 0.001$)