AIMS AND SCOPE

There is strong evidence of benefits from lowering of blood pressure by antihypertensive treatment in the elderly, limited to individuals with initial SBP of >160 mmHg, whose SBP was reduced to values <150 but not <140 mmHg. However, at least in elderly individuals younger than 80 years, antihypertensive treatment may be considered at SBP values >140 mmHg and aimed at values <140 mmHg, if the individuals are fit and treatment is well tolerated. A number of randomized clinical trials have shown beneficial effects of antihypertensive treatment in the elderly using different classes of compounds. That includes calcium channel blockers, diuretics, angiotensin converting enzyme inhibitors, angiotensin receptor antagonists and beta blockers among other kind of drugs which are used in the elderly. Nevertheless, some kinds of antihypertensive drugs should be cautiously prescribed in older people due to the risk of postural hypotension and volume depletion. Moreover, there is different treatment approaches suggested by current hypertension guidelines. This issue could be useful to Hypertension Specialists, Geriatricians, Internal Medicine Specialists, Cardiologists, Nephrologists and General Practitioners involved in Geriatric Care.

KEYWORDS

Hypertension, Elderly people, Antihypertensive therapy, Calcium channel blockers, Beta-blockers, Diuretics, ACE inhibitors, Angiotensin receptor blockers.

SUB TOPICS

- Recommendations for the Treatment of Hypertension in Elderly People.
- Non Pharmacologic Treatment for Hypertension.
- Diuretics in the Treatment of elderly Hypertensive Patients.
- Antihypertensive Effect of beta-blockers.
- Calcium Channel Blockers in the Management of Hypertension In The Elderly.
- Renin-angiotensin Blocking Drugs as Antihypertensive in the Elderly - A Safety Profile evaluation.
- Resistant hypertension in the elderly - Second line treatments: Aldosterone antagonists, central alpha-agonist agents, alpha-adrenergic receptor blockers, direct vasodilators, and exogenous nitric oxide donors.

Submission Deadline

First week of July.