

Types of hypertension

Primary	Secondary
---------	-----------

Risk Factors

Sodium consumption	Inflammation
Natriuretic peptide abnormalities	Obesity
Insulin resistance	

Complications

Myocardial hypertrophy	CHF
CKD	Stroke
Retinopathy	

Arterial pressure regulation

ANS	RAAS
Baroreceptor reflex	Kidneys
Natriuretic peptides (dilation)	

HTN medications

Diuretics	ACE-i
ARB	

Loop diuretics

Acts on ascending loop

Blocks reabsorption of Na

Uses:

Pulmonary edema	Edematous states
-----------------	------------------

Hypertension

AE:

Hypo-K/Na	Ototoxicity
Dehydration	Hyperglycemia/uricemia

Thiazide

Decrease reabsorption of Na, Cl, K, H ₂ O	early distal convoluted tubule
--	--------------------------------

Maximal diuresis less than loop

Not effective with scant u/o

Uses

HTN	Edema
-----	-------

Diabetes insipidus

AE

Hypo-Na/Cl/K	Dehydration
--------------	-------------

Hyperglycemia/uricemia

Diuretics - AE

Hypovolemia

Acid-base imbalance

Electrolyte imbalances

Potassium-sparing

does not increase u/o	Not used alone
-----------------------	----------------

Prevents cardiac remodelling

Blocks aldosterone in nephron

Uses

HTN (initially)	HF
-----------------	----

AE

Hyper K	Tumors
---------	--------

Endocrine effects



By **Emilie Lamarche**
cheatography.com/emilie-lamarche/

Not published yet.
 Last updated 24th December, 2022.
 Page 1 of 1.

Sponsored by **Readable.com**
 Measure your website readability!
<https://readable.com>