

## Causes of Hair Loss

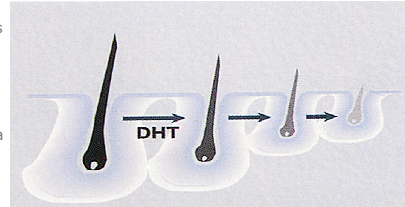
- 95% of all hair loss cases are due to a genetic condition called Androgenetic Alopecia, commonly known as 'Male pattern hair loss' or 'Female pattern hair loss'
- Only 5% is due to other reasons

### Most common causes of hair loss

#### Polygenetic

This is when a person is genetically at risk of hair loss, they will have a particular combination of genes in their DNA. In most cases, some family members also suffer from hair loss, but it is not necessary the case.

Those individuals who are at risk of hair loss, some of their hair cells are genetically programmed so that it can be damaged by a hormone call "Dihydrotestosterone (DHT)". Testosterone (T) are present in both males and females. It gets converted to DHT by an enzyme called "5 alpha reductase (5aR)". Once affected, the hair follicle will get smaller each time it completes a hair cycle resulting in a smaller hair. This process is called 'miniaturization'.



### Other Possible Causes of Hair Loss;

#### External Factors

- Emotional stress
- Trauma

#### Skin Problems

- Scalp disease
- Skin disease

#### Internal Factors

- Diabetes
- Autoimmune disease
- Recent Surgery
- Thyroid disease
- Iron Deficiency
- Drugs
- High Fever
- Hormone imbalance
- Recent Childbirth