Active	Treatment Category for Hairloss	Treatment/Ingredient action
Minoxidil	Prostaglandins, DHT, Circulation	Minoxidil is known as a vasolidator, this means it expandsblood vessels in your scalp. Increased blood circulation of the scalp increases blood flow to the hair follicle and supports healthy growth.
Finasteride	Anti Androgenics	Finasteride is an Antiandrogenic inhibitor of Intracellular enzyme type- II- 5a reductase. The enzyme converts testosterone into the more potent androgen dihydrotestosterone (DHT). DHT is the main cause for MPB, male pattern baldness, it can also affect females. Using Finasteride to inhibit the enzyme activity reduces DHT levels and supports hair growth and reduces hairloss.
Dutasteride	Anti Androgenics	Dutasteride is an Antiandrogenic inhibitor of Intracellular enzyme type- I- 5a reductase. The enzyme converts testosterone into the more potent androgen dihydrotestosterone (DHT). DHT is the main cause for MPB, male pattern baldness, it can also affect females. Using Dutasteride to inhibit the enzyme activity reduces DHT levels and supports hair growth and reduces hairloss.
Estradiol (17α-)	Anti Androgenics	17α -estradiol is a stereoisomer of the female hormone 17β -estradiol and inhibits the conversion of testosterone to the metabolite dihydrotestosterone (DHT) by suppressing 5α reductase activity. In addition, it has been reported to stimulate the generation of hair follicular matrix cells.
Prostaquinon	Prostaglandin analogue	Prostaquinon is a natural phytocomplex, derived from the essential oil of the seeds of <i>Nigella sativa</i> L., standardized on thymoquinone. It exerts anti-inflammatory, antioxidant activity and neutralizes follicular miniaturization, controlling inflammation and promoting an increase in the thickness and density of the hair.
Latanoprost	Prostaglandin analogue	Latanoprost can induce anagen (the growth phase) in telogen (resting) follicles while inducing hypertrophic changes in the involved follicles. In conjunction with increased growth, increased pigmentation occurs.
Caffeine Oral	Circulation	Supports increased circualtion to improve blood flow and support hair growth.
Ketaconazole	Inflamation	Ketaconazole is a antifungal and is used for fungal infections of the sclap and skin. Use for the treatment of dandruff and seborrheicc dermatitis.
Clobestasol	Inflamation	Clobestasol glucortoid steriod for the treatment of psoriasis of the scalp and other seriouse scalp conditions, used in the treatment of Alopecia Areata
Betamethasone	Inflamation	Betamethasone glucortoid steriod for the treatment of psoriasis of the scalp and other seriouse scalp conditions, used in the treatment of Alopecia Areata.
Hydrocortisone	Inflamation	Hydrocortisone has equal glucocorticoid and mineralocorticoid. It is less aggressive than Clobestasol and Betamethasone, use to treat mild inflamation of scalp and skin conditions.
Biotin	Vitamin/ Supplementation	Biotin also known as vitamin B7 stimulates keratin production and stimulate follicle growth. Most people obtain biotin from their diet but others are unable to generate enough from Diet alone and therefore supplementation would be recommended.
Coenzyme Q10	Vitamin/ Supplementation	Is an anti oxidant Supports the bodies metabolism and gene expression, reducing elevation of DHT which can be a result of the body using testosterone to create cellular energy. A good balance of co enzyme also supports keratin levels a protein associated with hair and nails.
Selenium Yeast	Vitamin/ Supplementation	Selenium is a trace element and is beleieved to support the immune system, creating antioxidant enzymes that protect from free radicals, supporting body function. The antioxidant enzymes in selelnium prevent damage to hair follicles and supporting the body to develop proteins to support hair growth.
Oral Zinc	Vitamin/ Supplementation	Zinc is vital for healthy hair, skin and nails, zinc deficiency can lead to a breakdown in protein structure, a healthy protein structure is important to support healthy hair follicles. Zinc can also support a healthy scalp and reduces dandruff and other skin conditions of the scalp and skin.