

Anticipated Effect	Permanence	Expected onset	Expected max.effect
Body fat redistribution	Reversible	3-6 months	2-5 years
Decreased muscle mass/strength	Reversible	3-6 months	1-2 years
Softening of skin/decreased oiliness	Reversible	3-6 months	unknown
Breast growth	Irreversible	3-6 months	2-3 years
Decreased libido	Reversible	1-3 months	1-2 years
Decreased spontaneous erections	Reversible	1-3 months	3-6 months
Decreased testicular volume	Variable	3-6 months	2-3 years
Decreased sperm production	Variable	Variable	Variable
Thinning / slowed growth of body and facial hair	Reversible	6-12 months	>3 years
Hair loss (male pattern baldness) stops	No regrowth	1-3 months	1-2 years

Risk Level	Risk of Feminizing Hormones
Likely	Blood clots - can cause stroke, pulmonary embolism, heart attack Gallstones Transient high liver enzymes (rare: liver damage) Weight gain High triglycerides – which can lead to pancreatitis and cardiovascular events
Likely, if over age 50 and additional risk factors present	Cardiovascular disease - stroke, pulmonary embolism, heart attack
Possible	High blood pressure - is a major risk factor for coronary artery disease, stroke, heart failure, atrial fibrillation, peripheral arterial disease, vision loss, chronic kidney disease, and dementia High prolactin hormone (breast milk) in first year of treatment or prolactinoma (benign tumor of the pituitary gland that produces a hormone called prolactin)
Possible, if additional risk factors present	Type 2 diabetes – can lead to kidney disease, eye damage, heart disease, stroke, high blood pressure, nerve damage and amputation
Inconclusive	Breast cancer - number of years on estrogen, family history of breast cancer, obesity and use of progestin influence risk
Other possible side effects	Erectile dysfunction Decreased libido Infertility/decreased sperm production