Feminizing Effects in Male to Female Transgender Persons

Updated 2018

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| Effect | Onset (Months) | Maximum (Years) |
| Redistribution of body fat | 3 to 6 months | 2 to 3 years |
| Decrease in muscle mass and strength | 3 to 6 months | 1 to 2 years |
| Softening of skin/decreased oiliness | 3 to 6 months | Unknown |
| Decreased sexual desire | 1 to 3 months | 3 to 6 months |
| Decreased spontaneous erections | 1 to 3 months | 3 to 6 months |
| Male sexual dysfunction | Variable  | Variable |
| Breast growth | 3 to 6 months | 2 to 3 years |
| Decreased testicular volume | 3 to 6 months | 2 to 3 years |
| Decreased sperm production | Unknown | >3 years |
| Decreased terminal hair growth | 6 to 12 months | >3 years \* |
| Scalp hair | Variable | + |
| Voice changes | None | ~ |

\*Complete removal of male sexual hair requires electrolysis, laser treatments or both.

+Familial scalp hair loss may occur if estrogens are stopped.

~Treatment by speech pathologists for voice training is most effective.

Source: <https://www.uptodate.com/contents/image?imageKey=ENDO%2F54189&topicKey=ENDO%2F7456&search=Feminizing%20effects%20in%20female-to-male%20transgender%20persons&source=outline_link&selectedTitle=1~150>