

[Open Peer Review on Qeios](#)

# Estradiol Vaginal Ring

National Cancer Institute

## Source

National Cancer Institute. *Estradiol Vaginal Ring*. NCI Thesaurus. Code C78471.

A flexible elastomer ring containing 17 beta-estradiol used for estrogen replacement. Upon vaginal insertion, estradiol vaginal ring releases a consistent low-dose of estrogen which binds to and activates nuclear receptors in estrogen-responsive tissues. By increasing the amount of estradiol locally, symptoms of vaginal dryness or decreased sexual interest may improve. 17 beta-estradiol is the major naturally occurring estrogen produced in the ovaries of premenopausal women.