

SERMs Selective Estrogen Receptor Modulators

	Tamoxifen (Novaldex)	Raloxifene (Evista)	Bisphosphonates (Fosamax) (Actonel) (Boniva)	Tibolone	Ospemifene (Osphena)	Bazedoxifene (Duavee) SERM + Estrogen Combo
Breast	+	0	0	0	?	0
Heart	+	+	0	?	0	0
Bones	+	+	+	+	0	+
Uterus	-	0	0	0	-	0
Side Effects	Blood clots Visual disturbances Hot flashes	Blood clots	Don't relieve symptoms of menopause Osteonecrosis	Vaginal bleeding Breast pain	Hot flashes Blood clots Stroke	? Blood clots
Advantages	Breast cancer treatment	Prevents hip fracture better than spine fracture	Specific for bone Can use with estrogen	Relieves: Hot flashes Vaginal dryness Forgetfulness Mood swings	Relieves: Vaginal dryness Painful intercourse	Relieves: Vaginal dryness Painful intercourse Hot flashes
Disadvantages	Uterine cancer	Can't use with estrogen	Rules of use	<i>Post-menopausal use only</i>	No protection from osteoporosis	?