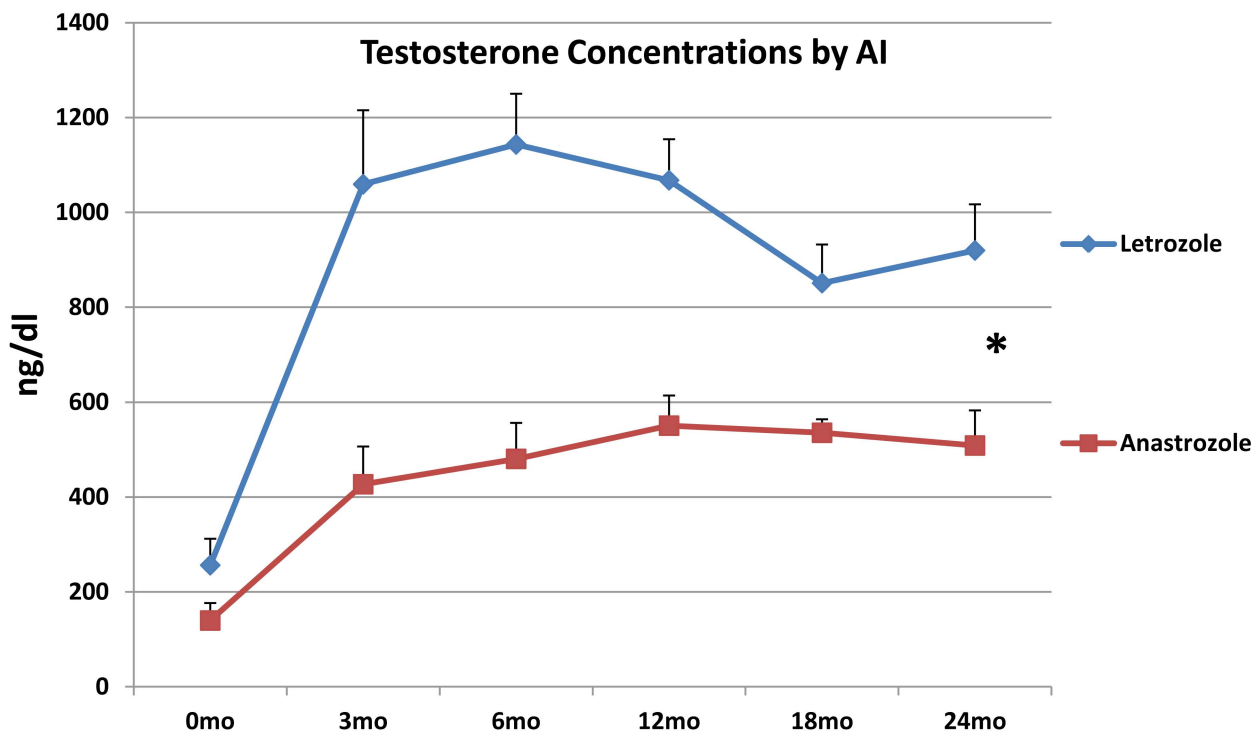
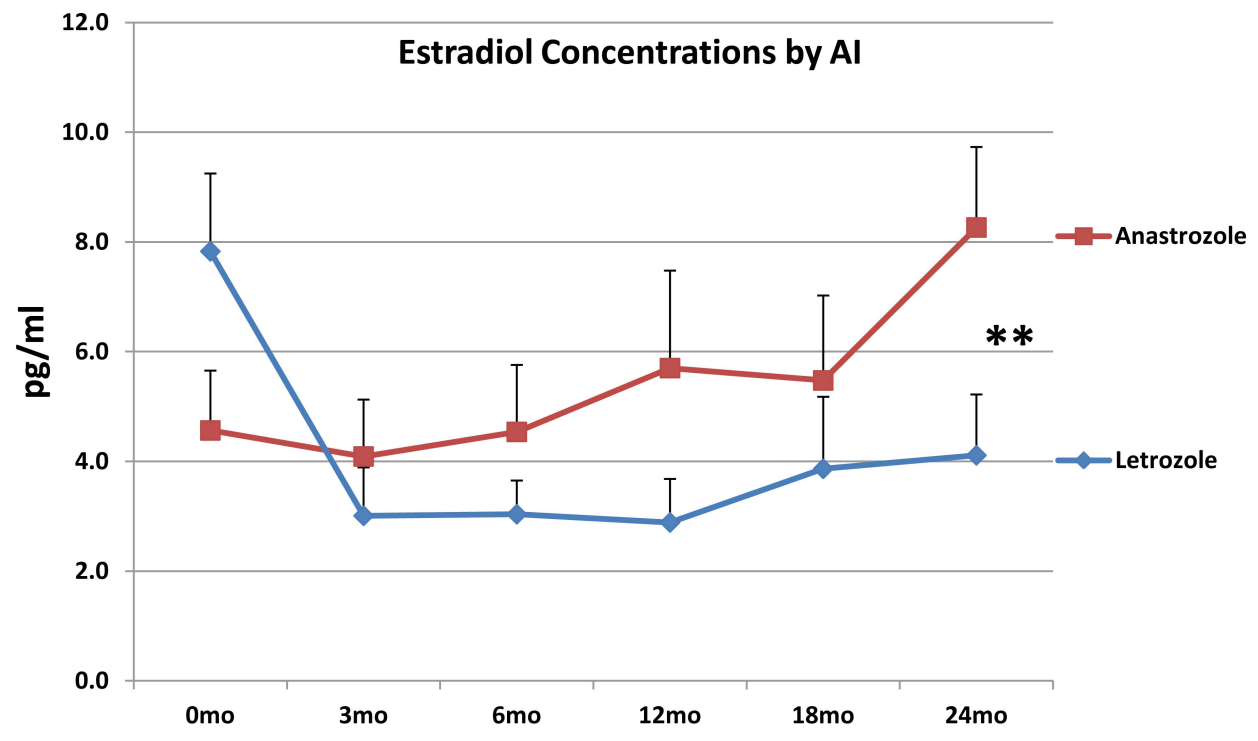


Testosterone Concentrations by AI



Estradiol Concentrations by AI



Supplemental Table 1: Chemistries (mean ± SE) (online only)

	AI	GH	AI/GH	AI	GH	AI/GH
	Bone Alkaline Phosphatase (IU/ml)			Cholesterol (mg/dl)		
0mo	262 ± 21	230 ± 11	230 ± 13	159 ± 5	159 ± 6	162 ± 6
12mo	280 ± 16	273 ± 19	306 ± 19	151 ± 5	151 ± 7	154 ± 5
24mo	262 ± 16	224 ± 22	254 ± 15	159 ± 5	144 ± 7	152 ± 4
36mo	264 ± 11	234 ± 37	281 ± 41	160 ± 17	168 ± 14	167 ± 17
	Triglycerides (mg/dl)			HDL (mg/dl)		
0mo	86 ± 10	76 ± 7	72 ± 5	56 ± 2	59 ± 3	57 ± 3
12mo	67 ± 5	89 ± 8	107 ± 12	49 ± 2	59 ± 3	49 ± 3
24mo	77 ± 7	83 ± 11	87 ± 8	47 ± 2	53 ± 2	50 ± 2
36mo	67 ± 13	93 ± 21	108 ± 34	49 ± 6	59 ± 4	68 ± 19
	LDL (mg/dl)			AST (IU/ml)		
0mo	86 ± 5	85 ± 5	91 ± 5	27 ± 1	28 ± 2	28 ± 1
12mo	89 ± 4	75 ± 5	84 ± 5	26 ± 1	26 ± 1	28 ± 2
24mo	97 ± 4	75 ± 5	86 ± 5	26 ± 1	25 ± 2	26 ± 2
36mo	97 ± 10	90 ± 12	102 ± 10	24 ± 3	21 ± 1	24 ± 4
	ALT (IU/ml)			Creatinine (mg/dl)		
0mo	19 ± 2	21 ± 2	21 ± 1	0.6 ± 0	0.6 ± 0	0.5 ± 0
12mo	18 ± 1	19 ± 1	20 ± 1	0.7 ± 0	0.6 ± 0	0.7 ± 0
24mo	20 ± 1	19 ± 1	21 ± 1	0.7 ± 0	0.7 ± 0	0.8 ± 0
36mo	17 ± 2	17 ± 1	21 ± 4	0.9 ± 0	0.7 ± 0	0.8 ± 0

Supplemental Table 2: Number of Adverse Events (Online Only)

	ALL	AI	GH	AI/GH
All events	382	118	114	150
Head & Neck	36	10	11	15
Respiratory	56	19	24	13
Skin	50	20	9	21
Lab	90	28	28	34
Neurological	28	9	7	12
Gastrointestinal	21	4	8	9
Musculoskeletal	79	22	18	39
Genitourinary	15	3	7	5
Cardiovascular	5	3	1	1
Psychological	2	0	1	1