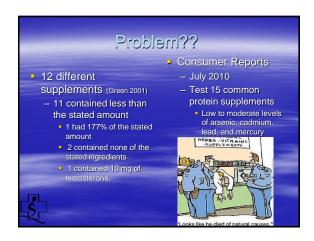
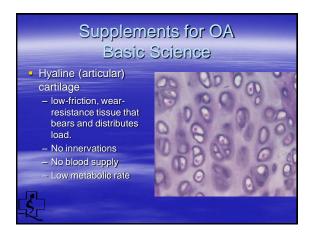
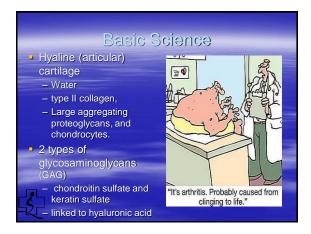


Supplement Definition A product intended to supplement the diet by increasing total dietary intake of one of the following: vitamin, mineral, herb or botanical, amino acid, another dietary substance Is not represented as a conventional food Is labeled as a dietary supplement



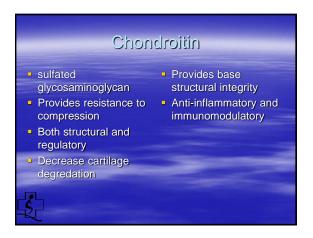


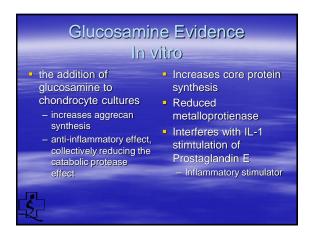


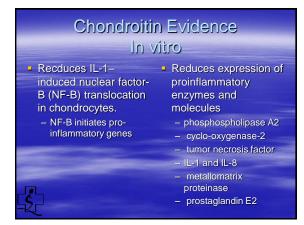




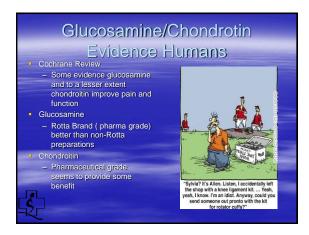




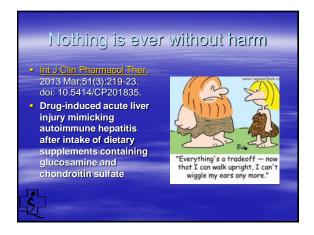


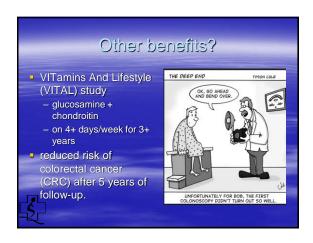


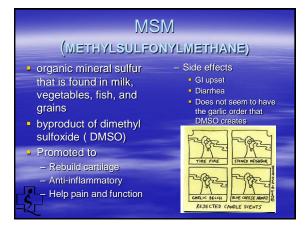


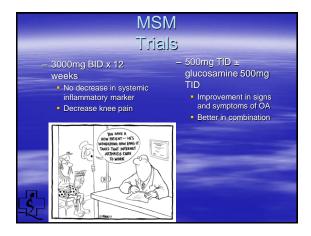




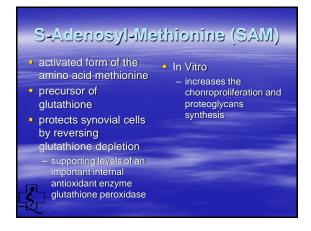


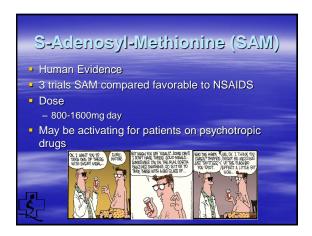




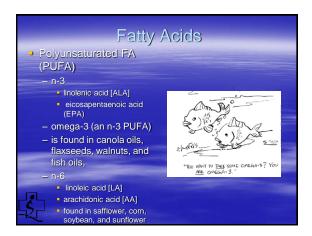


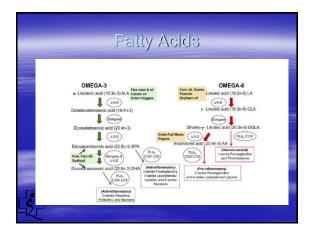


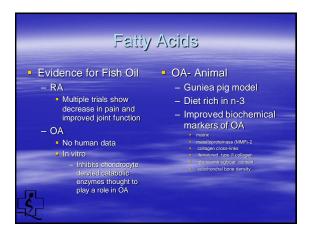


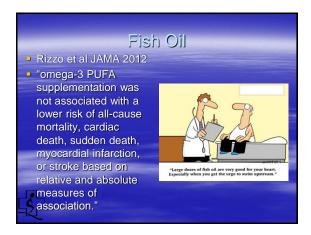


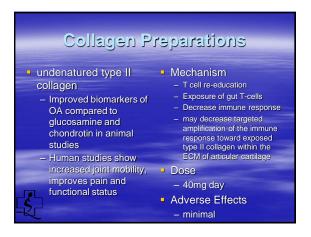


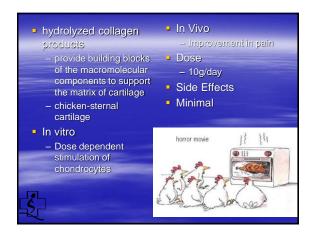


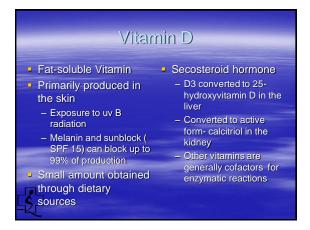


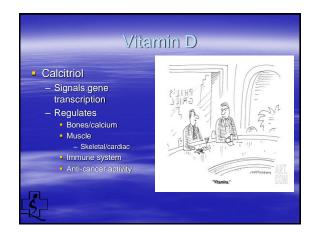






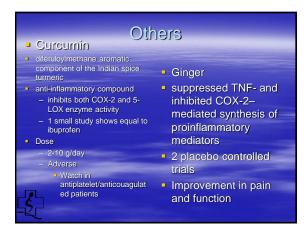




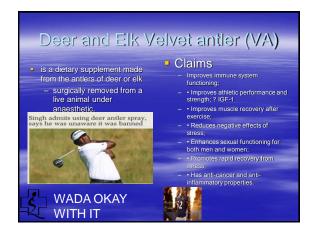


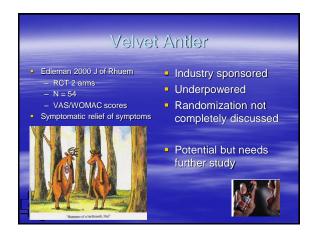












Tier 1 – benefits/cost/evid ence outweigh risk	Dose	Notes	Cost/month*
Glucosamine Sulfate (pharma)	1500mg 1 x day	Trial for 12 weeks	Non-Rotta ≈\$10-15 Rotta ≈ \$30
Chondrotin Sulfate (pharma)	1200 mg 1 x day	Trial for 12 weeks	≈ 18-20
Vitamin D3	2000- 4000 IU x day	Use D3 not D2 Consider level measurement	≈ \$2-3

Tier 2 – Denefits/evidence Dimited Low harm/cost	Dose	Notes	Cost/month*
/itamin C	250mg-500mg x day		≈ \$2
MSM	1-3 grams 2 x day	May be better in combo with glucosamine	≈ \$5-10
HA	50-100mg x day		≈ \$10-12
FA	2-4 grams x day		≈ \$2-5

What should we recommend?					
Tier 3 – benefits/evidence limited/unknown possible harm/cost	Dose	Notes	Cost/month*		
samE	400mg-600mg x day	Consider Vit B supplementation- homocysteinemia Avoid in pts on psychotrophic medication	≈ \$20-30		
ASU	300-600mg x day	Early evidence promising	≈ \$15-20		
undenatured type II collagen/hydrolyzed	40mg x day/ 2- 10grams		≈ \$5-15		
Ginger	1 gram x day		≈ \$1-2		
Curcumin	2-10 grams/day	Caution in anti- platelet/anticoagulated patients	≈\$5-6		









