



IFSO Melbourne 2024

Edo Aarts





IMPACT STUDY

**Preoperative Micronutrient
Supplementation**



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ETHICON

Medtronic



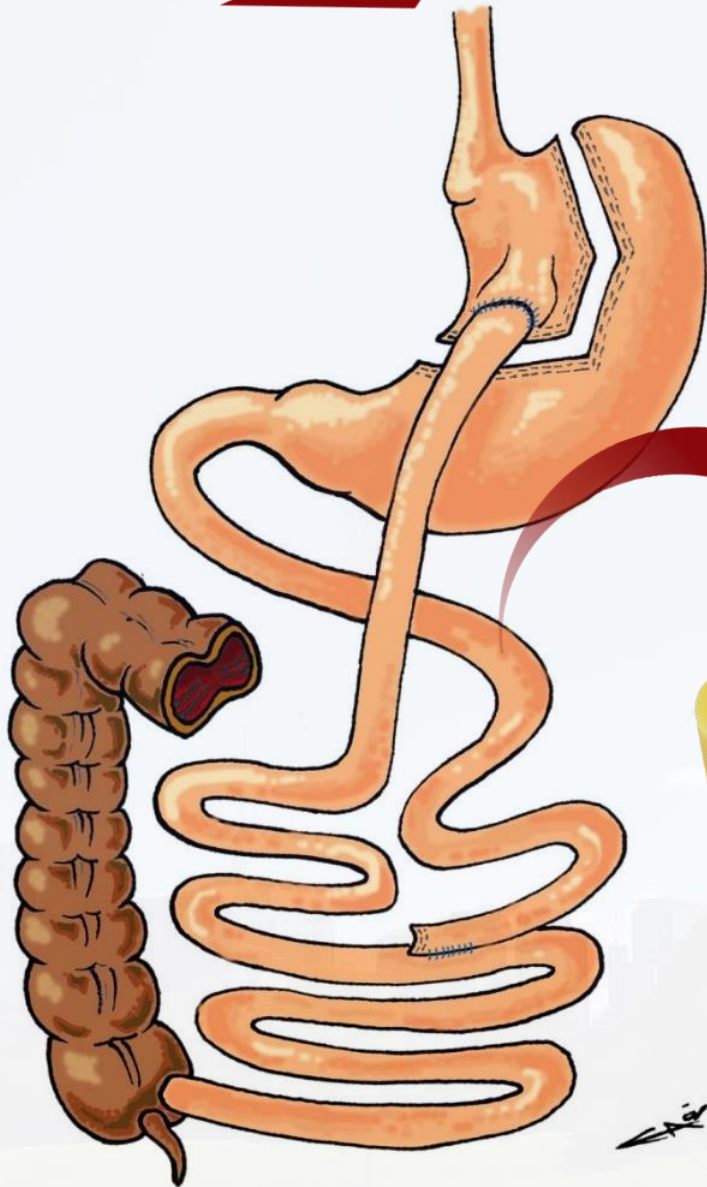
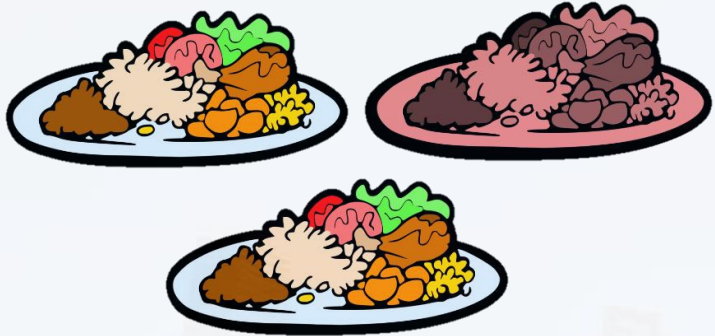
fitforme

dockx



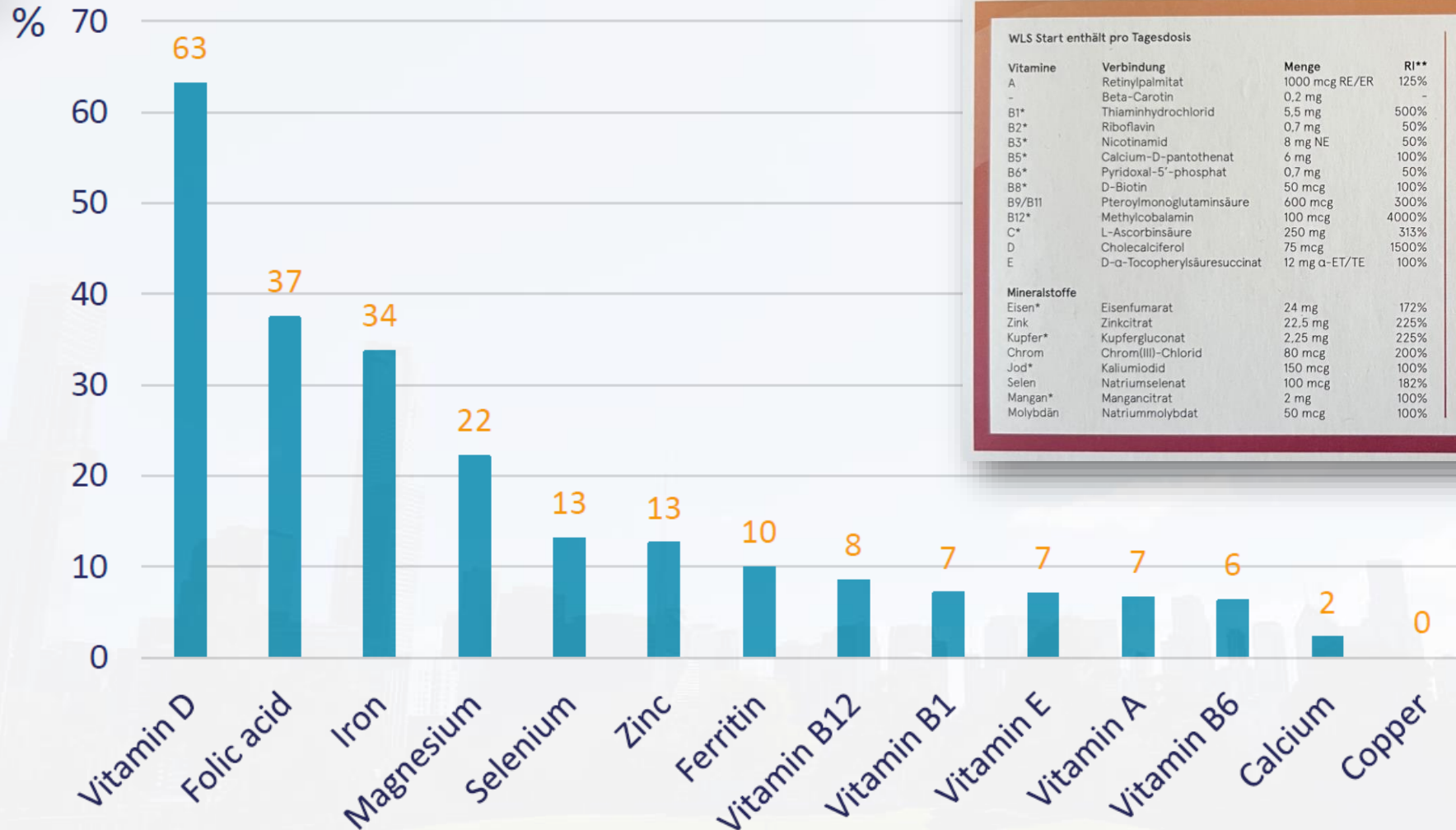
WEIGHTWORKS
specialist in maagverkleiningen

Allurion
KLINIEK





General



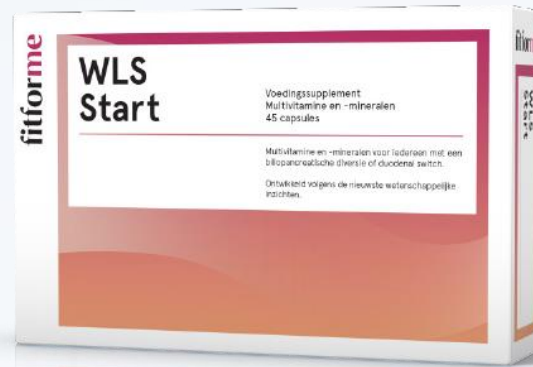
WLS Start enthält pro Tagesdosis				Inhaltsstoffe:
Vitamine	Verbindung	Menge	RI**	Vitamine, Mineralien, Magnesiumcitrat, Kapsel (Hypromellose), Füllstoff (mikrokristalline Cellulose), Stabilisator (Siliciumdioxid), Trennmittel (Magnesiumstearat). ** RI (reference intake) = Referenzmenge nach der Verordnung (EU) 1169/2011. Chargennummer: siehe Packungsseite und/oder Blister Mindestens haltbar bis Ende: siehe Packungsseite und/oder Blister Nettogewicht: 41 gram
A	Retinylpalmitat	1000 mcg RE/ER	125%	
-	Beta-Carotin	0,2 mg	-	
B1*	Thiaminhydrochlorid	5,5 mg	500%	
B2*	Riboflavin	0,7 mg	50%	
B3*	Nicotinamid	8 mg NE	50%	
B5*	Calcium-D-pantothenat	6 mg	100%	
B6*	Pyridoxal-5'-phosphat	0,7 mg	50%	
B8*	D-Biotin	50 mcg	100%	
B9/B11	Pteroylmonoglutaminsäure	600 mcg	300%	
B12*	Methylcobalamin	100 mcg	4000%	
C*	L-Ascorbinsäure	250 mg	313%	
D	Cholecalciferol	75 mcg	1500%	
E	D-α-Tocopherylsäuresuccinat	12 mg α-ET/TE	100%	
Mineralstoffe				
Eisen*	Eisenfumarat	24 mg	172%	
Zink	Zinkcitrat	22,5 mg	225%	
Kupfer*	Kupfergluconat	2,25 mg	225%	
Chrom	Chrom(III)-Chlorid	80 mcg	200%	
Jod*	Kaliumiodid	150 mcg	100%	
Selen	Natriumselenat	100 mcg	182%	
Mangan*	Mangancitrat	2 mg	100%	
Molybdän	Natriummolybdat	50 mcg	100%	



Setup



IMProving blood levels before bAriatric surgery in Three months: Effects of a specialized multivitamine

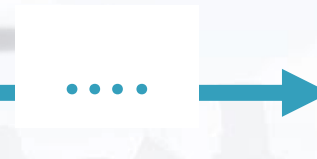


120 patients included

Bloodcheck 1

3 months

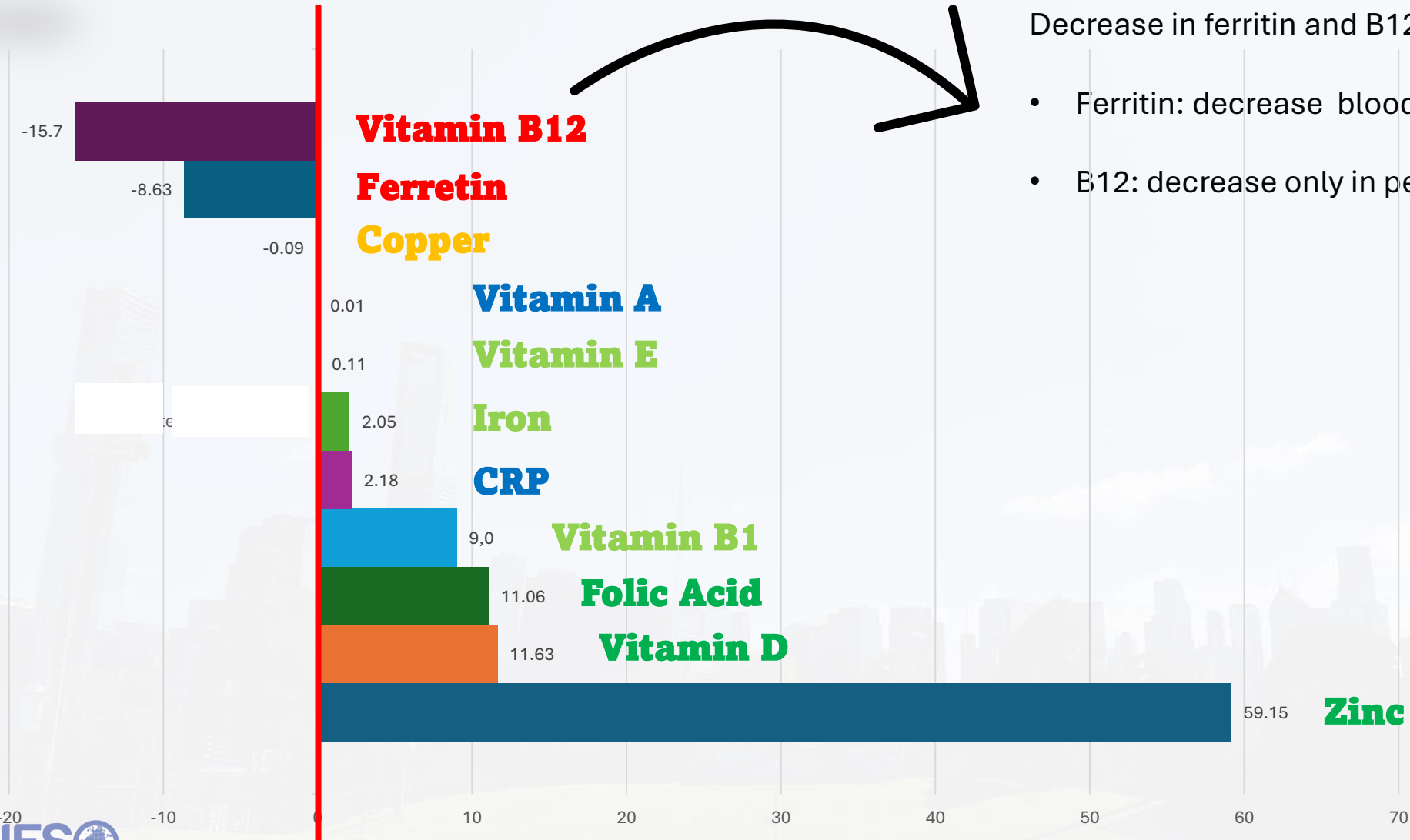
Bloodcheck 2



Surgery



Results

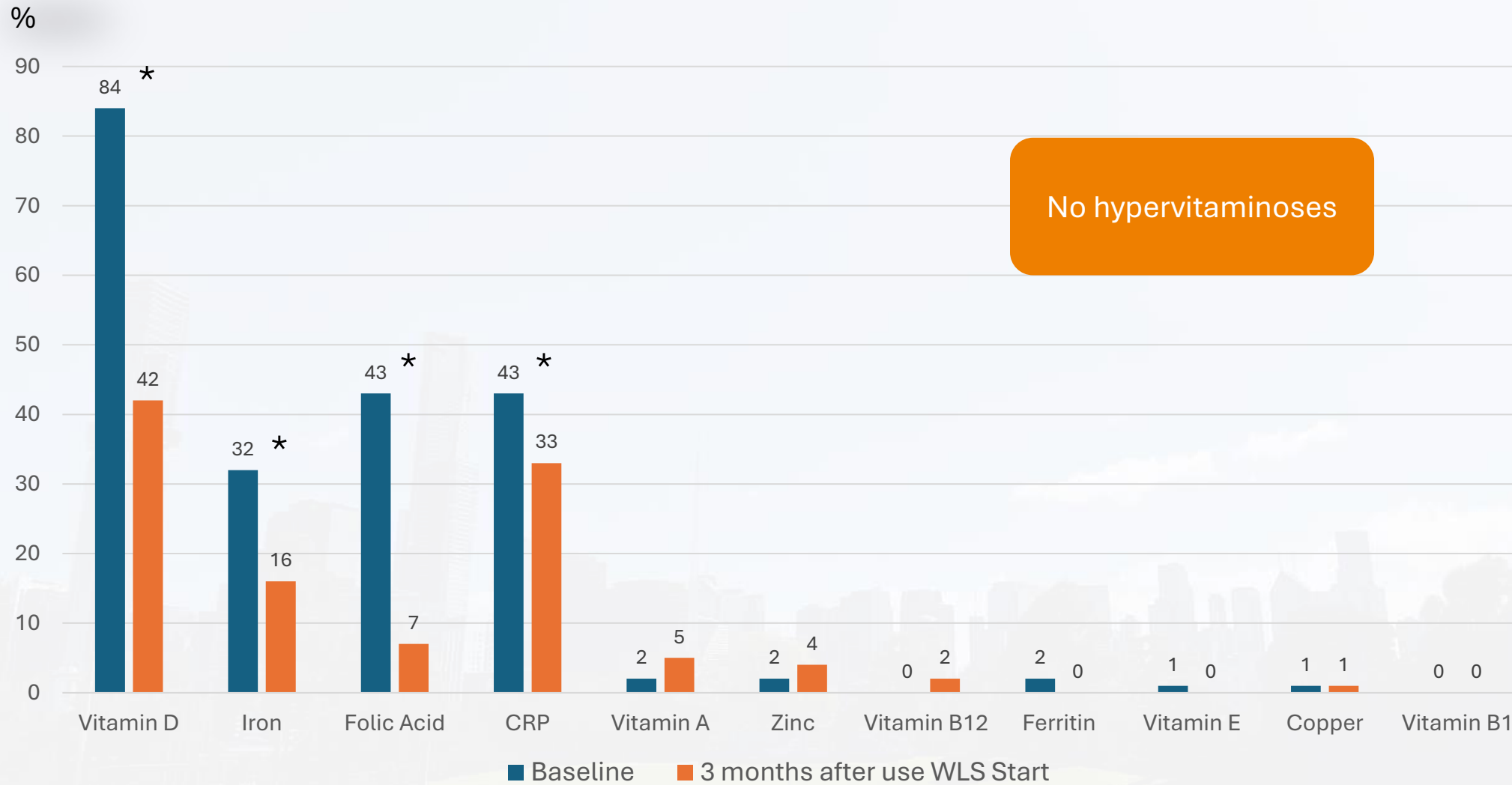


Decrease in ferritin and B12 **not clinically relevant:**

- Ferritin: decrease blood loss during menstruation
- B12: decrease only in people with high initial value



Results



No hypervitaminoses

■ Baseline ■ 3 months after use WLS Start

* p<0.05



Conclusion



WLS Start is effective in improving blood serum values

WLS Start is effective in decreasing deficiencies

3 Months of use before surgery appears safe