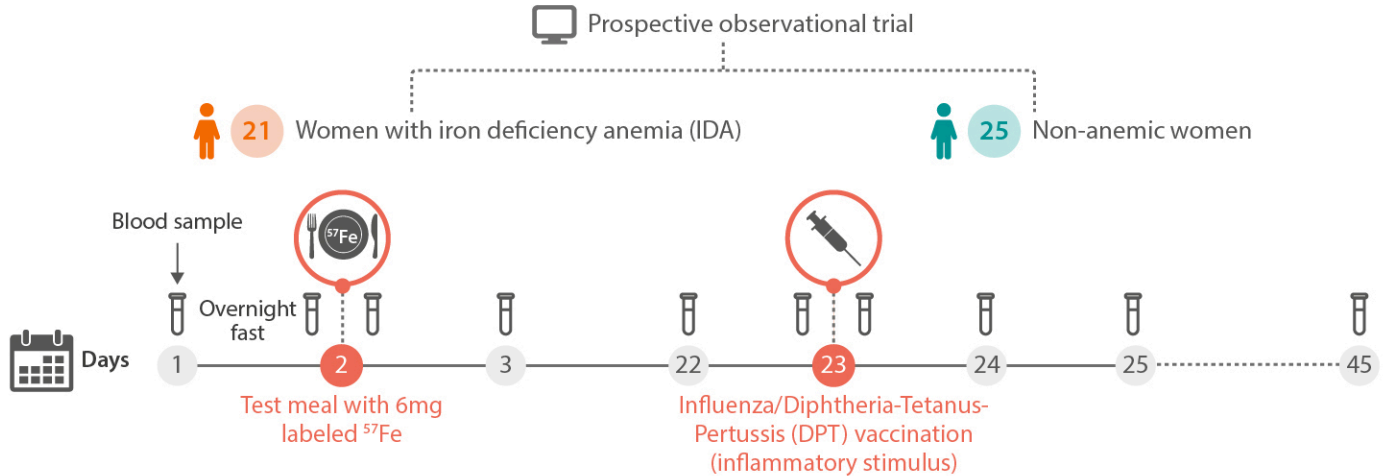


Comparison of iron markers, serum hepcidin and erythrocyte iron incorporation during acute inflammation between non-anemic women and women with iron deficiency anemia



	Baseline	24h after vaccination	p-value
Interleukin-6			
IDA	1.53(1.41-1.81)	3.14(2.48-4.33)	p<0.001
Non-anemic	1.12(0.92-1.66)	3.37(2.88-4.32)	p<0.001
Serum Hepcidin (SHep)			
IDA	0.45(0.23-0.61)	0.45(0.32-1.17)	n.s
Non-anemic	1.60(0.93-2.86)	3.567(1.04-5.53)	p<0.001
Erythrocyte iron incorporation, %			
IDA	36.15(26.08-39.35)	33.09(28.84-38.74)	n.s
Non-anemic	16.66(9.33-24.05)	15.89(11.86-24.71)	n.s

- In women with IDA → Inflammation did not increase serum hepcidin
- In non-anemic women → Inflammation increased serum hepcidin, but did not reduced dietary iron absorption