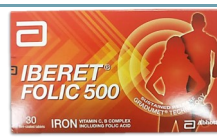
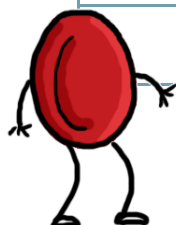




Comparison of Oral Iron-Containing Products in HCTM (Adult)

Product	New Obimin	Hematinic	Iberet folic	Maltofer
Iron preparation	Ferrous Fumarate (Fe^{2+}) 90mg	Ferrous Fumarate (Fe^{2+}) 200mg	Ferrous Sulfate (Fe^{2+}) 525mg	Iron III Hydroxide Polymaltose Complex (Fe^{3+}) 370mg
Prophylaxis dose	-	1 tablet OD	-	> 12 years: 1 tablet OD
Treatment dose	1 tablet OD	1 tablet TDS/QID	1 tablet OD	> 12 years: 1-3 tablets OD Pregnancy: 2-3 tablets OD
Elemental iron (mg)	30	66	105	100
Other content:				
Vitamin A (IU)	3000			
Vitamin D (IU)	400			
Vitamin C (mg)	100	100	500	
Vitamin B1 (mg)	8.1	5	6	
Vitamin B2 (mg)	2.5	1.5	6	
Vitamin B3 (mg)	20	10	30	
Vitamin B6 (mg)	12.34	1	5	
Vitamin B12 (mcg)	4	3	25	
Folic acid (mcg)	900	5000	800	350
Calcium (mg)	32.5 (calcium lactate)	*Supplied with tablet Vit. C, Vit. B Complex & Folic Acid	10 (calcium pantothenate)	
Formulation	Film-coated	-	Film-coated	Chewable with chocolate flavour
Incidence of gastrointestinal side effects^[2]	Similar rates of side effects between ferrous salts when equivalent doses of elemental iron provided			Less incidences of side effects compared to other ferrous salts
Policy of supply	A*: O&G doctors, Pregnant women in BTS and Poliklinik Warga	B: All can prescribe	A*: O&G and Nephrologist only	Non-Formulary (NF)
Price	RM7.30 per 30 tablets	≈ RM9 per month	RM21.40 per 30 tablets	RM21.60 per 30 tablets



References:

1. New Obimin, Iron Tablet 200mg, Maltofer and Iberet Folic Product Insert
2. Santiago, P. (2012). Ferrous versus Ferric Oral Iron Formulations for the Treatment of Iron Deficiency: A Clinical Overview. *The Scientific World Journal*, 2012, pp.1-5.

Oral Iron-Containing Products in HCTM (Paediatric)

Product	FAC Mixture	Maltofer Syrup		
Iron Preparation	Ferric Ammonium Citrate (Fe^{3+}) 80mg/mL (60mL)	Iron Hydroxide Polymaltose Complex (Fe^{3+}) 10mg/mL (150mL)		
Elemental iron	17.2mg/mL	10mg/mL		
Prophylaxis dose	1-2mg/kg/day of elemental Iron	-		
Treatment dose	3-6mg/kg daily of elemental Iron in 2-3 divided doses <i>Usually given with Folic Acid for patients with anemia</i> Folic acid dose Infants: 0.1mg/day Children <4years: up to 0.3mg/day Children >4 years: 0.4mg/day		With anemia	Without anemia
		Infants up to 1 year	25-50mg iron daily	15-25mg iron daily*
		Children 1-12 years	50-100mg iron daily	25-50mg iron daily
		Children >12 years and adult	100-300mg iron daily	50-100mg iron daily
Flavour	Metallic taste	Cream flavour		
Policy	B: All can prescribe	Non-Formulary (NF) Price : RM19.40		

* May suggest to give Maltofer Drops but not available in HCTM

UPDATES REGARDING RECALLED LOSARTAN SITUATION IN HCTM

ALERT!!

Losartan 50mg Product Recall

X NOT ALL BRANDS ARE AFFECTED

In HCTM, only Tab. TOZAAR 50mg from Torrent is being recalled (MAL10110006AZ)



Each of the recalled drugs was found to be contaminated with either NDMA or NDEA which is carcinogenic.

The FDA allows levels of NDMA and NDEA that yield a **1 in 100,000 chance of developing cancer after 70 years of exposure.**

Risk is very small (1:8000) compared to baseline risk of cancer 1:3.

NDMA: N-nitrosodimethylamine NDEA: N-nitrosodiethylamine

Losartan 100mg, still in HCTM

Tab. Losartan 100mg can be cut into half for patients on Losartan 50mg

Tab. Acetan 100mg (CCM Pharma) is NOT affected by the recall



FDA reminds patients taking losartan to continue taking their current medicine until the medications are replaced by their healthcare professional.

Not all ARB products contain impurities, so pharmacists may need to provide an alternative medication not affected by the recalls.

Untreated hypertension /heart failure/diabetic nephropathy leads to an increased risk of heart attacks, stroke, risk of hospitalization and death.

PPUKM Formulary App is now available on:



(Drug Formulary DIY)



(PPUKM Drug Formulary)



A publication of Drug Information Centre

PDF version available at <https://www.ppukm.ukm.my/farmasi/buletin-farmasi/>

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