

HEB

Role of Clinical Pharmacist for the Management of Hypothyroidism during Pregnancy

JOHP

Shaima K.A¹, Nidhi Garg², Sandeep Arora³, K.Rooha⁴


1. Assistant Professor, Pulla Reddy Institute of Pharmacy, Gummadidala mandal, Domadugu(V), Sangareddy (Dist),Telangana, India.
2. Associate professor,Chitkara college of pharmacy, chitkara university,Punjab,India.
3. Director ,Chitkara college of pharmacy, chitkara university,Punjab,India.
4. K.Rooha,Student ,Pulla Reddy Institute of Pharmacy,Gummadidala,mandal,,Domadugu(V),Sangareddy (Dist),Telangana,India

Email ID: shaimakattungal@gmail.com

ABSTRACT

Hypothyroidism during pregnancy is characterized by an endocrine disorder where thyroid gland does not produce enough thyroid hormone. Hypothyroidism confirmed by signs and symptoms and abnormal blood tests such as TSH and free T3 & T4. Preferred therapy for hypothyroidism during pregnancy is levothyroxine, a synthetic thyroxine medication. Patient specific dosing of thyroid medication is important. Adverse fetal and maternal effects are more with untreated hypothyroidism during pregnancy (miscarriage, untreated caesarean section, CHF, intrauterine growth restriction, respiratory distress, neurological and cognitive impairment in fetus).Thyroxine is safe medication during pregnancy and lactation. Proper patient counseling is essential for pregnant women with hypothyroidism by clinical pharmacist to avoid adverse effects due to hypothyroidism. Our review concluded that the clinical pharmacist play a vital role in managing hypothyroidism during pregnancy.

Keywords: Hypothyroidism, TSH, Thyroxin

Access this Article Online	Quick Response Code: 
Website: http://www.journalofhospitalpharmacy.in	
Received on 23/12/2019	
Accepted on 08/01/2020 © HEB All rights reserved	