

List of drugs used for the treatment of diseases/symptoms in women during pregnancy, perinatal period and lactation harmonised by the swiss perinatal centres

Main indication*	Sub-indication/group*	Active substance*	Mode of applic.*	Max. daily dose used*	Recommended by profession. organisations**	Dosage to be changed according to symptoms and/or TDM***
Pregnancy						
Allergic reactions	Asthma	Salbutamol	inhal., oral	-	+	
	Others	Cetirizine	oral	10-20 mg	+	
		Clemastine	local	-	+	
		Dimetindene ¹	oral, local	-	-	
Anaemia		<i>Iron oral</i> ⁰	oral	-	+	
		Iron iv ²	iv	-	+	
Anxiety states, restlessness and sleep disturbances		Valerian drug	oral	-	-	
		Bryophyllum pinnatum	oral	1400 mg	-	
		Lorazepam	oral	1-3 mg	+	
Diabetes		Metformin	oral	-	+ DGGG: it is not recommended	↑
Common cold	Sore throat	Chlorhexidine	local	-	-	
	Cough	Codeine	oral	-	-	
		Guaifenesin	oral	200 mg	-	
		Acetylcysteine	oral	-	-	
	Rhinitis	Xylometazoline	local	-	-	
Skin diseases		Dimetindene ¹	oral, local	-	-	
		Menthol	local	-	+	
		Urea	local	-	-	
Hypertensive diseases		Dihydralazine	iv	-	+	
		Labetalol	oral	200-1600 mg	+	↑
		<i>Magnesium sulphate</i> ⁰	iv	1000 mg/h	+	
		Methyldopa	oral	750-3000 mg	+	
		Metoprolol	oral	100-200 mg	+	↑
		Nifedipine	oral	10-120 mg	+	↑
General bacterial infections incl. urinary tract		Amoxicillin + clavulanic acid	oral	1875-2000 mg	+	↑
		Ceftriaxone	iv	1000-2000 mg	+	
		Cefuroxime	iv	1000-4500 mg	+	↑
		Clindamycin	oral	600-1200 mg		
		Erythromycin	oral	-	+	
		Fosfomycin	oral	-	+	
	Nitrofurantoin	oral	-	+		

		Sulfomethoxazole + trimethoprim	oral	-	+	
Vaginal bacterial infections		Azithromycin	oral	1000 mg	+	
		Clindamycin	oral vaginal	- -	+ +	
		Erythromycin	oral	2000 mg	+	
		Metronidazole ²	oral	-	+	
		Dequalinium	vaginal	10 mg	-	
		Estriol+Lactobacillus	vaginal	0.03 mg +50 mg	+	
		Hexetidine	vaginal	-		
Mycotic infections (vaginal and skin)		Clotrimazole	vaginal local	200 mg	+	
		Econazole	vaginal local	150 mg	+	
		Fluconazole ²	oral	150mg	+ SOGC: it is not recommended	
Parasitic infections		Permethrin	local	-	+	
Viral infections	Herpes	Aciclovir	oral	1000-1200 mg	+	
	HIV	Valaciclovir	oral	1000 mg	+	
		Zidovudine ⁰	iv	1 mg/kg/h	+	↑
	Influenza	Oseltamivir	oral	-	+	
Neurological disorders	Epilepsy	Lamotrigine	oral	-	+	
Psychotic disorders	Depression	Sertraline	oral	-	+	↑
General pains		Butylscopolamine	rectal	30-60 mg	-	
		Ibuprofen ¹	oral	1600-2400 mg	+	
		Paracetamol	oral	4000 mg	+	
		Morphine	sc	60 mg	+	↑
		Pethidine	iv	-	+	
		Tramadol	rectal	100-400 mg	+	
Heartburn, Gastro-oesophageal reflux disease		Aluminium hydroxide	oral	-	+	
		Esomeprazole	oral	-	+	
		Pantoprazole	oral	40 mg	-	
		Ranitidine	oral	150-300 mg	+	
Thrombosis	Thrombosis Prophylaxis	Dalteparine	sc	5000 iE	+	
		Enoxaparine	sc	-	+	
Indigestions	Diarrhoea	Saccharomyces B.	oral	1000 mg	-	
		Loperamide	oral	4-8 mg	-	
	Constipation	Glycerol ⁰	rectal	1756 mg	-	
		Magnesium citrate	oral	600 mg	+	↑
		Psyllium ⁰	oral	-	-	

	Emesis, nausea	<i>Meclozine comb.Ø</i>	oral	-	+	
		Metoclopramide	oral	-	+	
		Ondansetrone	oral/iv	16-24 mg/8-16 mg	+	
Preterm labour	Flatulence	Simethicone	oral	84-336 mg	-	
		<i>Atosiban</i> Ø ²	iv	6 mg/h (maintenance)	+	
		Bryophyllum pinnatum	oral	1400 mg	+	
		<i>Hexoprenaline</i> Ø ²	iv	0.0168-0.018 mg/h	+	
		Magnesium aspartate ²	oral	20-24 mmol	+	
		Nifedipine ²	oral	60-150 mg	+	
		Progesterone	oral	-	+	
Fetal lung maturation		Betamethasone	im/iv	12-24 mg	+	
Peripartal period						
Induction of labour		<i>Dinoprostone</i> Ø	vaginal	6 mg	+	
		MisoprostolØ	vaginal	0.075-0.2 mg	+	
		<i>Oxytovin</i> Ø	iv	-	+	
Infection prophylaxis		Amoxicillin+Clavulanic acid	iv	3600-6600 mg	+	↑
		Clindamycin	oral iv	- -	+ +	
		Erythromycin	oral	1500-2000 mg	+	
		<i>Penicillin G</i> Ø	iv	15Mio. IE	+	
Bleeding postpartal		Fibrinogen	iv	-	+	
		Methylergometrine	im	0.2-1 mg	+	
		Misoprostol	oral	0.3-0.6 mg	+	
		Oxytocin	iv	5-20 IE	+	
		Recomb. Factor 7a	iv	-	+	
		<i>Sulprostone</i> Ø	iv	0.5-1.5 mg	+	
		Tranexamic acid	oral	-	+	
Pains subpartal	Non-opioids	Butylscopolamine	oral, rectal	- -	-	
	Opioids	Pethidine	iv	-	+	
		Remifentanyl	iv		+	
		Tramadol	oral rectal	- 50-400 mg	+ +	
Pains postpartal	Non-opioids	Diclofenac	oral	-	-	
		Ibuprofen	oral	-	+	
		Paracetamol	oral	2000-4000 mg	+	

	Opioids	Morphine	sc	-	+	
		Pethidine	iv		+	
		Tramadol	oral rectal	- 50-400 mg	+	

Lactation						
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Allergic reactions		Cetirizine	oral	10-20 mg	+	
Anaemia		<i>Iron oral</i>	oral	-	+	
		Iron iv	iv	-	+	
Anxiety states, restlessness and sleep disturbances		Valerian drug	oral	-	-	
		Bryophyllum pinnatum	oral	1400 mg	-	
		Lorazepam	oral	1-3 mg	-	
Common cold	Sore throat	Chlorhexidine	local	-	-	
	Cough	Guaifenesin	oral	200 mg	-	
		Acetylcysteine	oral	-	-	
	Rhinitis	Xylometazoline	local	-	-	
Skin diseases		Dimetindene	oral local	- -	+	
		Atenolol	oral	-	-	
Hypertensive diseases		Labetalol	oral	-	-	
		Methyldopa	oral	-	-	
		Metoprolol	oral	100-200 mg	+	
		Nifedipine	oral	60-120 mg	+	
		Amoxicillin + clavulanic acid	oral	2000 mg	+	↓
General bacterial infections incl. urinary tract		Ceftriaxone	iv	-	-	
		Cefuroxime	iv	-	-	
		Clindamycin	oral	-	-	
		Erythromycin	oral	-	+	
		Clindamycin	oral vaginal	- -	+	
Vaginal bacterial infections		Dequalinium	vaginal	10 mg	-	
		Estriol+Lactobacill.	vaginal	50 mg	-	
		Hexetidine	vaginal	-	-	
		Metronidazole	oral	-	-	
		Clotrimazole	vaginal local	200 mg -	-	
Mycotic infections (vaginal and skin)		Econazole	vaginal local	150 mg	-	
		Fluconazole	oral	150 mg	+	
		Lamotrigine	oral	-	+	
Neurological disorders	Epilepsy					
Psychotic disorders	Depression	Sertraline	oral	-	+	↓

General pains	Non-opioids	Diclofenac	oral local	150 mg	-	
		Ibuprofen	oral	1600-2400 mg	+	
		Paracetamol	oral	4000 mg	+	
Heartburn, Gastro-oesophageal reflux disease		Aluminium hydroxide	oral	-	+	
		Ranitidine	oral	250-300 mg	-	
Thrombosis		Dalteparine	sc	5000 iE	+	
		Enoxaparine	sc	-	+	
Indigestions	Diarrhoea	Saccharomyces B.	oral	1000 mg	-	
	Constipation	<i>Glycerol</i> [∅]	rectal	1756 mg	-	
		Magnesium citrate	oral	300-600 mg	-	↓
		<i>Psyllium</i> [∅]	oral	-	-	
	Emesis, nausea	<i>Meclozine comb.</i> [∅]	oral	-	-	
		Metoclopramide	oral	-	+	
		Ondansetron	oral	8-24 mg	-	
	Flatulence	Simeticon	oral	84-336 mg	-	

*Summarized from the master thesis of Larissa Schenkel, Univ. Basel 2015, Department of Pharmaceutical Sciences: "Medikamente in der Geburtshilfe". Listed are only drugs used by at least 4/9 swiss perinatal centres.

**(+): Recommendations are given by at least one of the following professional societies:

- American Congress of Gynecology and Obstetrics (ACOG),
- Deutsche Gesellschaft für Gynäkologie und Geburtshilfe (DGGG)
- Royal College of Obstetrics and Gynaecology (RCOG)
- Schweizerische Gesellschaft für Geburtshilfe und Gynäkologie (SGGG)
- Society of Obstetrics and Gynaecology (SOGC)
- World Health Organization (WHO)

*** Based on pharmacokinetic studies published until 7.2017

∅Officially authorised for use during pregnancy

¹Contraindicated during the third trimester

²Contraindicated during the first trimester

References: see master thesis of Larissa Schenkel

