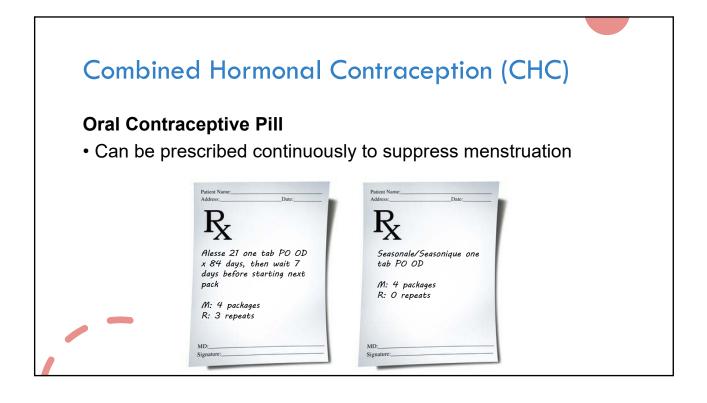


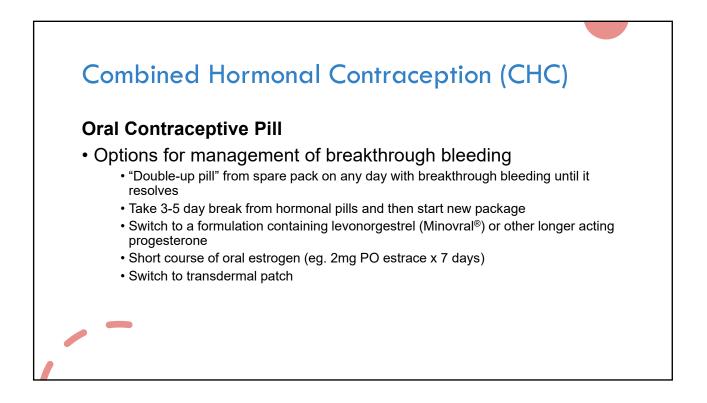
Combined Horm	ional Contracep	otion (CHC)
Oral Contraceptive P • Most common!	ill	
PROS	CONS	• Age ≥35 years and smoking ≥15 cigarettes per day
Many benefits in addition to contraception	Risk of breakthrough bleeding with prolonged/continuous use	 Multiple risk factors for arterial cardiovascular diseas Hypertension (systolic ≥160 mmHg or diastolic ≥100 mmHg)
Comes in various formulations/dosages	Many contraindications	Venous thromboembolism Known ischemic heart disease History of stroke
Can be used cyclically or continuously		 Complicated valvular heart disease (pulmonary hypertension, risk for atrial fibrillation, history of subacute bacterial endocarditis)
Reduces risk of endometrial, ovarian and colon cancer		Current breast cancer Severe (decompensated) cirrhosis Hepatocellular adenoma or malignant hepatoma
		 Migraine with aura Diabetes mellitus of >20 years duration or with nephropathy, retinopathy, or neuropathy

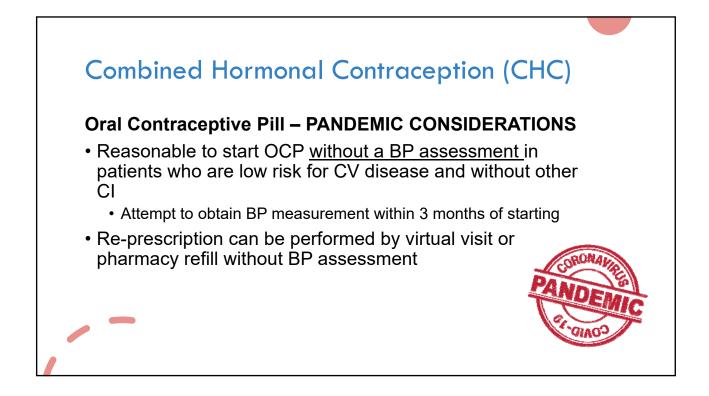
Combined Hormonal Contraception (CHC)

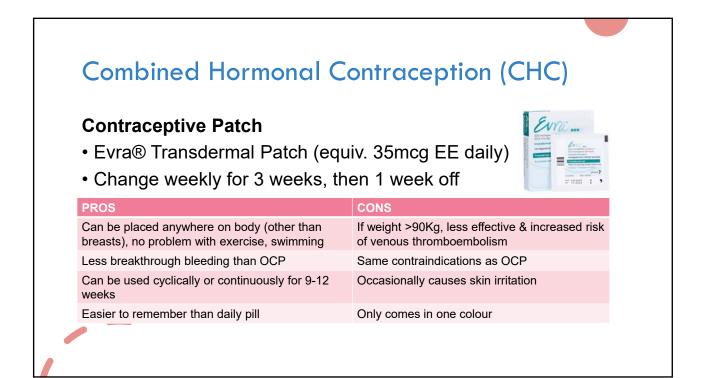
Oral Contraceptive Pill

Original Product	Generic or Equivalent	Estrogen	Progestin	Choose option w
		Ethinyl estradiol	Cyproterone	LOWER estroge
Diane-35	Cleo-35, Cyestra-35,	35 mcg	2 mg	- Nausea
		Ethinyl estradiol	Desogestrel	- Headache
Marvelon	Apri, Freya, Mirvala, Reclipsen	30 mcg	150 mcg	- Breast tendern
		Ethinyl estradiol	Drospirenone	- Bloating
Yaz	Муа	20 mcg	3 mg	Chasse option w
Yasmin	Zamine, Zarah	30 mcg	3 mg	Choose option w
		Ethinyl estradiol	Levonorgestrel	HIGHER estroge
Alesse	Alysena, Aviane, Esme, Lutera	20 mcg	100 mcg	and/or longer ac
Min-Ovral	Ovima, Portia	30 mcg	150 mcg	 prog if: Breakthrough
		Ethinyl estradiol	Norethindrone	bleeding
Lolo		10 mcg	1 mg	Dieeulity
Minestrin		20 mcg	1 mg	

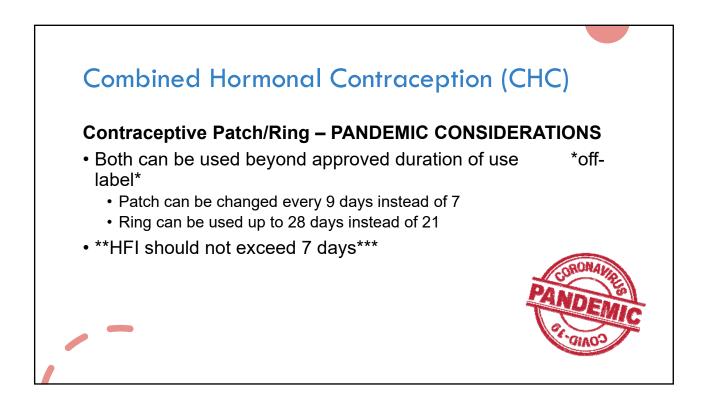








Combined Hormonal (Contraception (CHC)
Contraceptive Ring NuvaRing® (equiv. 15mcg EE 3 weeks continuous use, 1 we 	3 salvests radius 11 very synam period.
PROS	CONS
Easier to remember than daily pill	5 to 13% of patients may experience vaginitis
Can be removed for up to 4 hours (eg. during intercourse)	Some patients not comfortable inserted ring into vagina
Shorter duration of bleeding compared to patch or pill	Same contraindications as OCP
Less breakthrough bleeding than pill,	
equivalent to patch	



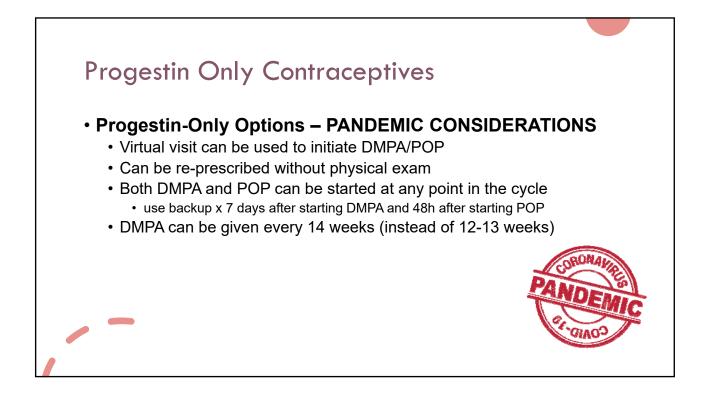
Progestin Only Contract • Depo-Provera • 150mg IM injection given q90day	
PROS	CONS
Long-acting, reversible, discreet	Delayed resumption of ovulation after discontinuing (6-10 months)
May be used in patients with contraindications to estrogen, or who are breastfeeding	Needs to be administered by HCP
Some users may gain weight (risk higher in adolescents)	Transient, reversible decrease in BMD (no difference between adults/adolescents, no increase in risk of osteoporosis or fractures)
Minimal interactions with other medications	

Progestin Only Contraceptives

Progestin-Only Pill (POP)

• 0.35mg norethindrone PO OD x 28 days (Micronor, Movisse)

PROS	CONS
May be used in patients with contraindications to estrogen, or who are breastfeeding	Must be taken at the same time every day (within 3 hours)
May be used in patients >50 years old	Irregular bleeding is common
No increased rates of weight gain	
No pill-free interval, no monthly bleeding	



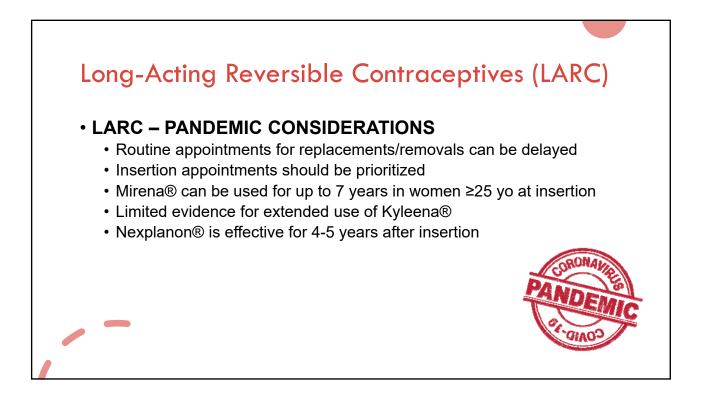
Long-Acting Reversible Contraceptives (LARC)

Hormonal IUDs

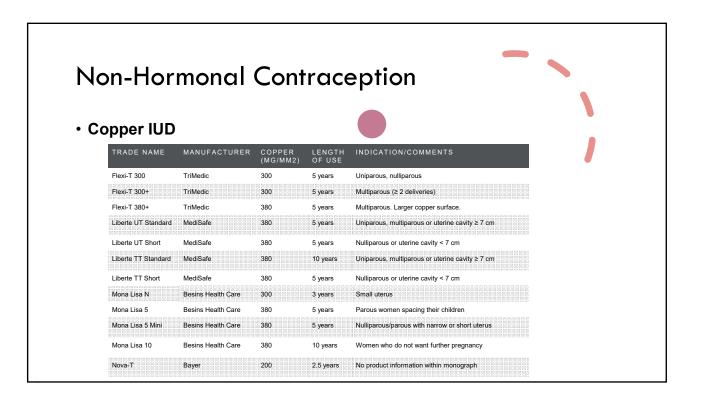
- Mirena® (52mg levonorgestrel), Kyleena® (19.5mg levonorgestrel)
- Mirena application 4.4mm diameter, Kyleena 3.8mm diameter
- · Both remain in place for up to 5 years

PROS	CONS
Long-acting, reversible, highly effective	Must be placed by a healthcare provider
May be used in patients with contraindications to estrogen, or who are breastfeeding	Initial cost is high, not covered by OHIP for those >25yo
Highly effective to treat heavy menstrual bleeding	Some women may experience infection, expulsion, perforation or malposition
Amenorrhea rate 20% Mirena, 12% Kyleena	Kyleena not as effective for HMB as Mirena

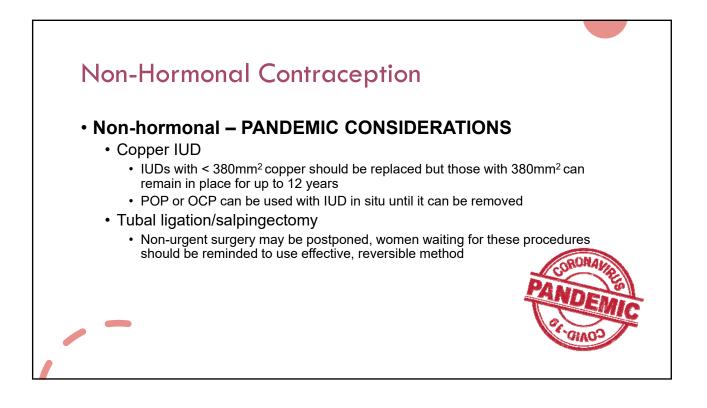




 Copper IUD 300 or 380 mg/mm² can also be used for emergency 	contraception
PROS	CONS
Long-acting, reversible, highly effective	Must be placed by a healthcare provider
May be used in patients with contraindications to estrogen or progesterone, or who are breastfeeding	Heavy bleeding and dysmenorrhea can occur with copper IUD
Less expensive than hormone-containing IUD	Some patients may experience infection, expulsion, perforation or malposition
Can remain in place up to 10 years	



Tubal ligation/salpingectomTubal interruption with clips/sut	
PROS	CONS
Safe, effective, permanent, discreet	Irreversible, risk of regret
Decreased risk of developing ovarian cancer	Surgical procedure requiring general anesthetic
Surgical procedure covered by OHIP	Risks associated with surgery (bleeding, infection, injury to other structures, VTE)
Can usually be performed laparoscopically, or concurrent to cesarean section	Small risk of re-canalization of tubes





Contraceptive Method	Age 40-50 years	Age > 50 years
Non-hormonal	Stop contraception after 2 years of amenorrhea	Stop contraception after 1 year of amenorrhea
Combined hormonal contraception	Can be continued	Consider switching at age 50 to a non-hormonal method, progestogen-only method, or a LNG-IUS or Cu-IUD
Injectable Progestin	Can be continued	Consider switching at age 50 to alternative methods
Implant POP	Can be continued to age 50 and beyond	 Stop at age 55. Between 50 and 55 May check FSH levels If FSH> 30 IU/L, discontinue after one more year If FSH in premenopausal range, continue method and check FSH again in 1 year
Levonorgestrel-IUS		A LNG-IUS 52 mg inserted <u>></u> age 45 can remain until age 55 if used for contraception or HMB

