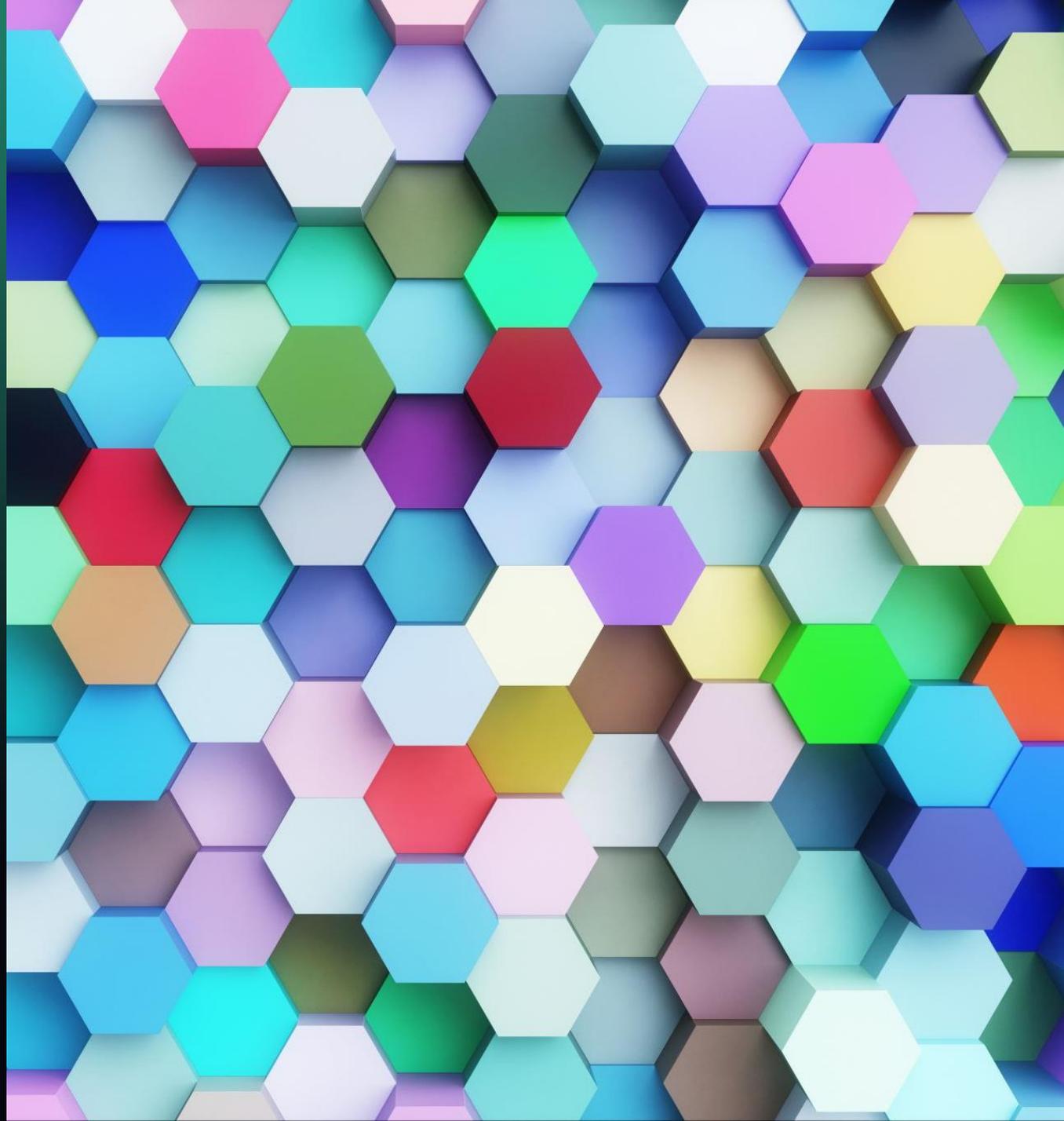
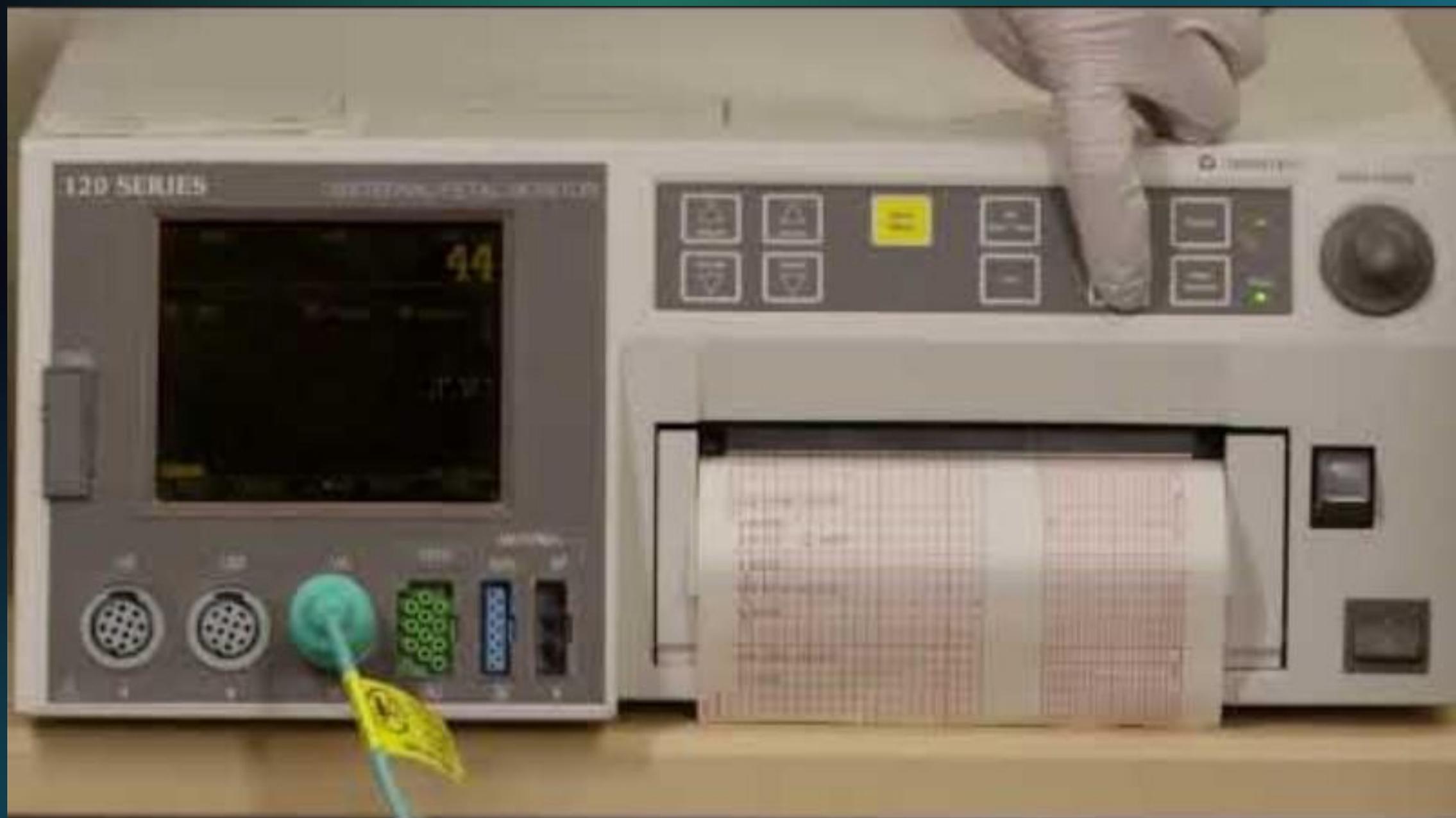


Demonstration video's









Internal (direct) Monitoring

Intrauterine Pressure Catheter (IUPC) for monitoring Uterine Contractions

Advantages

- Only accurate measure of resting tone & intensity
- Can also assess frequency & duration of contractions
- Not as affected by maternal position
- More comfortable?

Limitations

- Membranes must be ruptured
- Cervix must be dilated to allow insertion
- Improper insertion can cause maternal trauma
- Increased risk of infection

Spiral Electrode for monitoring FHR

Advantages

- Eliminates gaps in tracing
- Maternal positioning doesn't affect
- Fetal cardiac dysrhythmias displayed

Limitations

- Membranes must be ruptured
- Cervix must be dilated to allow insertion
- Presenting part must be accessible
- May record maternal HR in the presence of a fetal demise

Spiral Electrode

Contraindications

- Planned Application to fetal face, fontanelles or genitalia
- Active herpes lesions or HIV
- Maternal infection with Hepatitis B or C
- Presence or suspicion of placenta previa

Situations requiring caution

- Positive for GBS, syphilis or gonorrhoea
- Fetus is premature

Important to remember manufacturer's guidelines and policies and procedures of the hospital unit

References

- Cardinal Health, (2019, May 8) Fetal Spiral Electrode System, {Video} YouTube, [Kendall™ Fetal Spiral Electrode System – YouTube](#)
- Laborie Obstetrics, Gynecology and Neonatal, (2019, November 27) Koala Intrauterine Pressure Catheter Instructional Video and Animation, {Video} YouTube, [Koala® Intrauterine Pressure Catheter Instructional Video and Animation - YouTube](#)