Before to start

• Explain the procedure to the parents, answer questions
• Keep the neonate warm and quiet

   How? swaddling the neonate in a cloth or blanket
Before to prick the baby

1. Put the **reader** on the table

2. Turn on the **reader** and wait → screen has to read: “**Ready to Insert strip**”

3. Prepare the **strip**:
   - Open the package
   - Do not touch the white parts.

4. Get one **pipette** ready
5. Wash hands and put on gloves
Are you ready? Yes → Prick the baby

Remember: heel prick
How to hold the foot?

Grasp foot exposing heel between thumb and index finger
Heel Prick procedure

1. Disinfect and let air dry
2. Puncture
3. Allow heel to recover for a few seconds
4. Wipe first drop of blood
Are you ready? → Prick the baby

1. Good blood flow
2. Insert the strip

And wait

Ok to load the blood on the strip
How to hold the pipette?

Do not hold the pipette by the bulb.
80% loaded

100% loaded

Full capillary tube: go above the funneling of the pipette
How to load the blood on the strip?

Slowly
! No bubbles!

Credit: Laurence Thielemans
Press M
wait for the result
SBR Result

Bilistick ID nr

Picture from the Bilistick instruction poster and edited
Are you ready?  Prick the baby  

↓

Slow blood flow  
or the procedure is interrupted  
(baby urinates, baby agitated, ...)

↓

To be within the 2 minutes and 38 seconds time frame after insertion of the strip:

↓

• GENTLY squeeze and release action of the heel to stimulate blood flow

• When the pipette is half full then insert the strip (not earlier)
Check the Bilistick strip after the test:

- Insufficient saturation of the membrane
- Blood on the membrane
Weekly calibration check

When?

• Once a week - Reader will ask for calibration check

• Get the calibration set ready
  (the reader will randomly select one strip from the calibration set)

• Follow the instructions
Weekly calibration check

 Press M

 Press \[ \square \]
Weekly calibration check

Insert the strip asked by the reader (here nr 2)
Press M

↓
Wait

↓
Wait

↓
Remove strip
You can do a test or turn off the reader.
Weekly calibration check

What if the BS asks for a weekly calibration check but we are ready to perform a test?

- You can SKIP the calibration and do it later → ABORT (press ▼)
- Do it the next time the BS asks for it