

STANDARD OPERATING PROCEDURE

Use of Video laryngoscope for routine non urgent intubations and LISA procedure in NICU, St Peter's Hospital.

- For use in all routine intubations and not reserved solely for difficult intubations
- Need to be used only in the presence of a trained supervisor
- Need to be used only in the presence of a Tristel sterilisation trained & certified personnel

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Personnel:

- Doctors should first be trained and signed off to use VL – both for intubation and for LISA separately, as it's a different skill to routine direct intubations
- A VL project form should be completed by a supervisor for all procedures using VL (form stored as a pack in VL folder next to VL in consultants' office)
- There should be minimum of 1 trained supervisor for each procedure and 1 nurse/ observer to monitor baby's vital signs when using VL.
- The trained supervisor can elect to allow another trainee to use VL, under supervision, at their own discretion.
- Instructions on maintenance of VL should be followed at all times, and is the ultimate responsibility of the trained supervisor.
- Any one wishing to use VL should approach consultants to get trained on the mannequin prior to its use in live babies.

CSD high level disinfection (HLD) of the blades:

- Prior to use, the blades will have gone through hospital CSD high level disinfection (HLD), not autoclave and stored in a clean cover as shown here. If opened, the cover will say VOID

HLD blade stored in Tristel protects bags following CSD:



Tristel Trio wipes system sterilisation of the blades:

- The blades should still be cleaned again using Tristel Trio wipes system immediately prior to use, as a second step, as the CSD cleaned blades only remain sterile for 3 hrs post disinfection as they are not sterilised..



- This Tristel cleaning should be performed by trained personnel, whose name is in the log, and have completed valid online training in addition to training by Tristel representative.
- There will be at least 1 trained person per shift, usually band 7/8 nurses or consultants.
- Tristel cleaning should be done according to manufacturer's instructions (see SOP for Tristel cleaning- attachment) and all details including batch no should be recorded in the Tristel log book. A sticker for the sporicidal wipe (2nd packet) should be placed in baby notes with the procedure documentation.

Picture of Tristel Log book:



Tristel Trio Cleaning wipes system:

- All the necessary items for this are stored next to VL in consultants office along with named VL folder with paperwork needed in a named box
- In NICU nurseries where use of VL is happening, please set up 2 trolleys for this sterilisation procedure.
- Please mark clearly the dirty trolley and clean trolley with the laminated cards as shown below.
- Place the pre-clean wipe, sporicidal wipe and spray in the dirty trolley over a clean drape
- Place the rinse wipe in the clean trolley prepared for intubation along with other intubation stuff over a clean sterile drape
- Follow the steps involved in Tristel sterilisation (SOP for Tristel cleaning) ensuring that you remove gloves and wash your hands before changing to new gloves between the 3 different wipes.
- Ensure you complete the Tristel log book with all necessary details including the date and time



Following use of blades:

- Following use in baby, the blade must be cleaned with pre-clean wipe, if visually soiled, before sending it to CSD

Tristel Pre-Clean wipe:



- The blade is then sent to CSD using the tray with bar code on a routine basis through NICU ward clerk, by requesting porters. The bar code is essential for the tracking of the blade back to NICU.

Tray with barcode attached:



- This will be returned for use next day, so if needed urgently, please contact CSD and ask for urgent service to be implemented if possible
- If used before 3 hrs after CSD disinfection, Tristel cleaning is not necessary, however, it's a good practice to do this additional cleaning at all times prior to use in babies.
- If anticipating use on same baby after 3 hrs but before next CSD cleaning is possible, lead clinician can decide to keep the blade stored in sterile Tristel protect cover after cleaning using Trio wipes and use again on same baby, by following the Tristel trip wipes cleaning again prior to use. Please send blades to CSD after ensuring that blade not needed for same baby within 24 hrs.

Use in Simulation

- If using blade for training purposes on mannequin, the blade does not need Tristel trio wipes cleaning prior to use, but needs to be cleaned post practice using Tristel trio wipes.
- The blade will then be cleaned again with Tristel trio wipes prior to use on a live baby.

If you have any further queries please do not hesitate to contact Dr Vennila Ponnusamy, vennilaponnusamy@nhs.net; Dr Tosin Otunla, tosin.otunla@nhs.net