

**ASMARA COLLEGE OF HEALTH SCIENCES****Ref.-N°: 00220315****Date: 22/03/2015**

To
Dr. Ulf Bauer
For Eritrea – Medical Support in partnership

RE: Report on the use of the Video Laryngoscope donated by Storz

Dear Dr Ulf

As the responsible clinical instructor of our students (Bachelor of Science in Nurse Anaesthesia and Critical Care) in Orotta National Teaching Hospital I wish to thank the company Storz and you for your support concerning the video laryngoscopes (VL).

During the time the VL was assigned to me I trained 32 students of different levels of education in anaesthesia in the use, the maintenance and cleaning of the VL in intubation simulators like the SIM Man and in clinical practice. I noticed that the learning curve of new students exposed to training of tracheal intubation with the VL was much steeper and safe intubation was learned faster than in the older groups that started by conventional direct laryngoscopy. Also training of students has become safer for our patients as I asked the students to use the VL as a conventional laryngoscope and followed their movements directly on the screen of the VL. This allowed me to correct the movements and technique of the students immediately while intubating and to avoid to confirm correct intubation by time consuming manoeuvres.

Furthermore we used the VL for its original purpose as an aid for difficult intubation. We have saved the health and lives of several patients or made their operation possible because of the existence of the VL.

The cases were amongst others:

1. Gastro-intestinal obstruction in a 64 y old man with loose teeth and a short neck, where conventional intubation was tried and failed
2. Ruptured spleen in a young trauma patient with head injury and multiple facial injuries
3. Children in the age of 8, 10 and 14 months for repair of a cleft lip and palate
4. Burned patients (12 and 16 years) with facial and neck burns who had contractures and very limited mouth opening
5. Babies with myelo-meningoceles that needed intubation in lateral position
6. Babies with cleft lips and palates

I learned from my colleagues in Maternity Hospital that they were able to save mothers and babies lives with the help of the VL in mothers with preeclampsia and severe oedema of the mouth, pharynx and larynx.

Also Halibet Hospital starts reporting of successful training of students and use of the VL in difficult intubation.

We are very grateful for the donation of the VLs as it makes our lives as teachers and anaesthetists easier and anaesthesia induction safer for the patients.



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In March 2015 we had an exhibition day in the Asmara College of Health Sciences, I had the honour of organising the presentations of our department. We presented our Skills Laboratory including demonstrations of VL that found major interest with our visitors. We won the first price for the best presentation of the entire College. Thank you again for supporting us in our efforts to teach and provide safe anaesthesia for the people of Eritrea. Please see some photos of our patients in the attached paper.

Mr Tesfu Gebrehiwet
Lecturer II ACHS
Clinical Instructor Orotta National Teaching Hospital



Baby after successful CPR with intubation



Extreme myelo-meningocele



Student intubating for the first time





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Spina bifida



Training of trainers



Cleft lip and palate

**THANK
YOU!!!**

