



ASMARA COLLEGE OF HEALTH SCIENCES

Ref.-No. SON /A&CC 2-17

Date: 08th February, 2017

To

**WEINMANN Emergency
Medical Technology GmbH + Co. KG**

Dear Mr Schroeder

I would really like to thank you for the effective help you gave us in teaching anaesthetists and critical care nurses to make the process of Emergency treatment and CPR effective and successful.

Since January 2017 we are using this valuable emergency equipment in theoretical and practical teaching. The equipment is easy to handle and can be accustomed to the level of the students in the different Bachelor and Master of Science Courses in Anaesthesia and Critical Care Nursing. We additionally gave several sessions of introduction to properly use and handle the material for the resident doctors and nurses in ICU and Emergency ward as well. It is probably the first time in Eritrea that a crash cart (fully equipped emergency trolley) is installed and used in practice and teaching.

Theoretical and practical teaching of students, but also physically working with them in practice, is in our view the most important task in sustainable development work because it builds the basis of sound knowledge, skills and attitude that can be passed on to further generations of critical care nurses, anaesthetists and doctors without foreign help in future.

We would like to say thank you for your sustainable help in the effort to improve the quality of Emergency treatment and CPR. But it is not only the support in materials that we appreciate: it is also your attitude towards us, respecting us as equal partners and working with us at eyelevel that we appreciate. You became a real partner of our College community, the ICU and Emergency wards of Orotta National Referral Hospital and we think, of Eritrea as a whole.

Yours gratefully

Prof. W. Elsholz

Head of Department of Anaesthesia and Critical Care Nursing,

ACHS (Asmara College of Health Sciences)



ASMARA COLLEGE OF HEALTH SCIENCES

Ref. No. ACHS/DAR/140

Date: May 27, 2016

To: Ulf Bauer
For Eritrea – Medical Support in Partnership

From: Dr. Ghidey G/Hans
Dean of College: ACHS



Subject: Letter of Appreciation

Dear Sir,

It gives me an immense pleasure to write a letter of appreciation in regard to the support your organization is offering to our college.

Asmara College of Health Sciences (ACHS) is one of the nine autonomous colleges functioning under the umbrella of the Commission for

Higher Education Eritrea. ACHS was established in 1996 having one degree and two diploma programs. At present the College has, four schools, two big service giving departments, running five degree programs and seven diploma programs. ACHS is the sole supplier of midlevel health professional in country. Therefore supporting programs at ACHS contributes to the improved health care delivery system in the country.

For Eritrea – Medical Support in Partnership, has supported our midwifery program by providing lab equipments and teaching material that has contributed to the improved teaching and learning approaches in midwifery.

In line with this we would like to share our future plans and areas of input from your organization.

Dear sir, as a college we need to grow and be self sufficient to run undergraduate and graduate programs. To do this we need to start M.Sc. programs in our college. Therefore for the moment we are in the process of developing and approving M.Sc. curricula for Anesthesia, Critical care Medicine, Pharmacology and Midwifery.

Therefore we anticipate that you contribute to any of the mentioned M.Sc. programs.

To be very specific building on what was started you can support us by providing lecturers for the Midwifery M.Sc. program

The Midwifery M.Sc. will be a two year course based program. So you can send professor Mikle and his colleague who was her last time, each of them to come and teach each semester alternatively for the two years period (four semesters). The schedule can be arranged with them.

Finally ACHS is very pleased with what you have contributed to strengthen our teaching capacity and expects a stronger partnership which will strengthen our teaching capacity to the highest level here.

Kind regards,

Cc. Professor Tadesse Mehari
Executive Director, Commission for Higher Education Eritrea.

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ASMARA COLLEGE OF HEALTH SCIENCES

Ref No. SON /MW 812

Date: 08th December, 2015

Mrs.
Martina Krüger
BILD hilft e.V. "Ein Herz für Kinder"
Brieffach 3410
D-20350 Hamburg

Dear Mrs. Krüger

I am very glad to report ,that the Memorandum of Understanding between Human Plus e.V."For Eritrea - Medical Support in Partnership"and our College (ACHS) has become reality. I would really like to thank you for the effective help you gave us in teaching midwives and anaesthetists to make the process of giving birth to a baby not a life-threatening but a safe and happy event in a mother's and baby's life.

Since October 2015 we are using these valuable materials in theoretical and practical teaching. The material is easy to handle and can be accustomed to the level of the students in the different Diploma, Bachelor and soon Master of Science Courses in Midwifery and, for a smaller part of it, in obstetric anaesthesia courses.

Theoretical and practical teaching of students, but also physically working with them is in our view the most important task in sustainable development work because it builds the basis of sound knowledge, skills and attitude, that can be passed on to further generations of midwives and anaesthetists without foreign help in future.

We would like to say thank you for your sustainable help in the effort to improve the quality of safe motherhood and childbirth. It is not only the support in manpower and materials that we appreciate: it is also your attitude towards us, respecting us as equal partners and working with us at eyelevel that we appreciate. You became real partners of our college community and we think, of Eritrea as a whole.

Yours gratefully

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Ass. Prof. Ghirmay Ghebreigziabher

Head of Nursing School / Head of Midwifery Department



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.

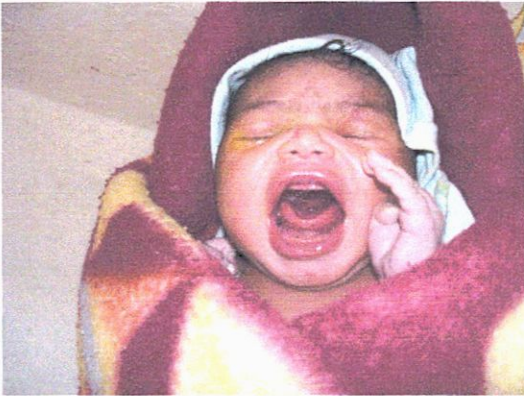
We are very grateful for the donation of the VLs as it makes our lives as teachers and anaesthetists easier and anaesthesia induction safer for the patients.



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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-meningoceles



Student intubating for the first time

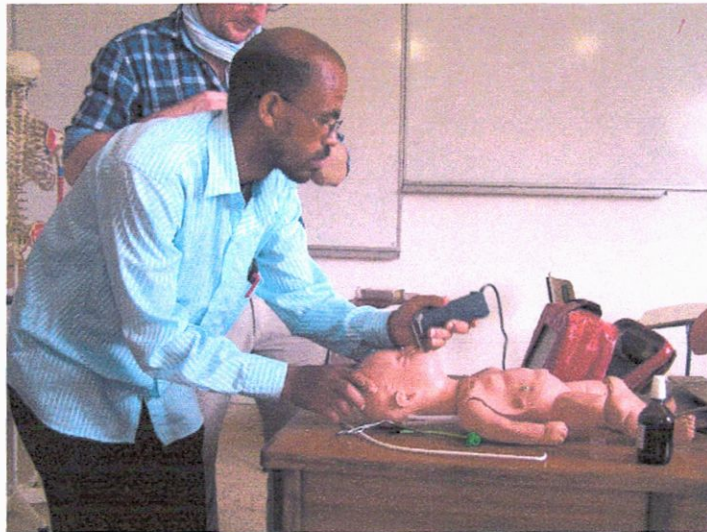




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Spina bifida

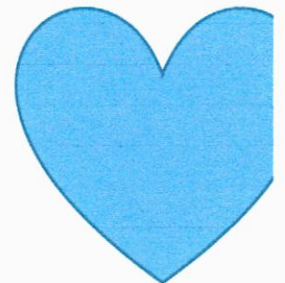


Training of trainers



Cleft lip and palate

**THANK
YOU!!!**





ASMARA COLLEGE OF HEALTH
SCIENCES

Ref. No. : _____

Date: **21. 05. 2014**

Letter of Appreciation

Dear Mrs. Krüger

It is a great pleasure to write this letter of appreciation for all you have done for the College of Health Sciences, the departments of Anaesthesia and Midwifery in particular and the mothers and children of Eritrea at large. With your donation of the CTG and its professional introduction by Eritrean and German experts into the clinical and teaching routine it is now possible to improve maternal and foetal/neonatal health care and teaching at the same time.

The CTG offers us the opportunity to monitor mothers and foetus in labour at the same time. Pathologies can now be detected early and appropriate measures to save the mother's and the baby's life can be taken. In Eritrea we never had similar types of monitoring devices for mother and foetus. As a consequence some pathologies were diagnosed late with partially fatal outcome for one of them or worse, both. We are grateful for this possibility to improve healthcare for our most vulnerable patients.

Of course we immediately started using the CTG. We first trained our clinical instructors and lecturers both in Anaesthesia and Midwifery on the use and the proper maintenance of the CTG, this will be followed by training of our students, the senior anaesthetists and midwives working in Asmara Hospitals.

Be assured that all users were deeply impressed by the help this device offers for safe motherhood. All felt that a new and better era of safe labour has started.

Of course we will continue to train all staff and students so that everybody feels confident in using, interpreting and maintaining the CTG, thereby further preventing morbidity and mortality of our Eritreans mothers and babies.

We cannot thank you enough for your kindness and generosity.

Yours sincerely

Prof. Dr. Berhane
Dean of ACHS

Mr Ghirmay
Head of School of Nursing

Prof. Elsholz
Head of Department Anaesthesia