

Annexure V

1997		PHASE 1		PHASE 2		PHASE 3	
Maintenance of Dental Equipment (J) 6Months (Deans)		Lack of Training Today + Essential Novel Facility Tomorrow		Some Expertise Today + Novel Facility Tomorrow		Expert Today + Novel Facility Tomorrow	
SL-0-0 TO 3-1997-2003-Deans Off. Dent. Faculty & Hospital Office Management (SL) 5 years (Deans)		Consider the most deficient areas or disciplines in relation to teaching and service		Strengthen teaching and Service function		Research based	
		1998	1999	2000	2001	2002	
Long Term Japanese Experts in Sri Lanka	SL-1-1-98-Rest., Prost. Endodontics Operative Dentistry & Material Science (SL) 1yr (Operative Dentistry)	SL-2-1-98-Rest., Prost., Ortho Dental Technology Prosthetics, Restorative and Orthodontics (SL) 1yr	SL-3-1-99-Prost. Implants Maxillofacial Prosthetics & Palatal Dentures (SL) 1yr Academic	SL-16-2-2000-Micro. Oral Microbiology (SL) 1yr Microbiology	SL-17-2-2000-O.Path. Immunohistochemistry & Routine Diagnosis (SL) 12Mths O. Path	SL-22-2-2001-Physio. Physiology, Lab. Teach. (SL) 12 Mths. Physiology	SL-28-3-2002-O Med. Management of Mucoasal Disease (SL) 12 Mths O. Med.
	Maxillofacial Prosthetics & Metal Dentures (SL) 1yr (Prosthetics)	SL-3-1-98-O.Surg. Reconstructive Surgery (SL) 1yr (Oral Surgery)	SL-10-1-99-Res., Pros., Ortho. Dental Technology Prosth., Cons & Ortho. (SL) 1yr Teach.	SL-19-2-2000-Path. Immunohistochemistry & Routine Diagnosis (SL) 12Mths O. Path	SL-23-2-2001-Biochem. Biochemistry Curriculum (SL) 12 Mths Biochem.	SL-29-3-2002-Rest. Dental Materials Expert (S.) 12 Mths. Academic	
	SL-4-1-98-O.Surg. Management of OT, ICU, & CSSD (Nursing) (SL) 6 Mths O. Surgery	SL-11-1-99-Deans Off. Dental Nurse/Hygienist (SL) 6 Mths. Deans	SL-18-2-2000-Radio. Management of the Radiology Dept. (SL) 6 Months	SL-24-2-2001-Rest. Restorative Dentistry Expert (SL) 6 Mths Academic	SL-30-3-2002-Anat., Den., Anat. Anatomy/Dental Anatomy Expert (SL) 6 Months		Training in Sri Lanka 33
SL-5-1-99-Anat. Gross Anatomy & Anatomical Museum (SL) 6 Mths Anatomy	SL-12-1-99 Den. Anat. Dental Hard & Soft Tissue Prep. (SL) 6Mths Dental Anatomy	SL-19-2-2000-Paedo. Management of Handicapped Children (SL) 6 Months Paedo.	SL-25-2-2001-Prost. Prosthetic Dentistry Expert (SL) 6 Mths. Academic	SL-31-3-2002-Paedo. Expert Paedodontist (SL) 6 Months			
SL-6-1-98-Deans Off. Dental Nurse/Hygienist (SL) 6 Mths (Deans)	SL-13-1-99-Perio. Improve Management of Periodontal Disease (SL) 6Mths. Perio	SL-20-2-2000-Pharmo. Curriculum Development Pharmacology (SL) 2-3 Months	SL-26-2-2001-O.Surg. Oral Surgery Expert (SL) 6 Months	SL-32-3-2002-Comm. Epidemiologist (SL) 6 Months			
Short Term Japanese Experts in Sri Lanka	SL-7-1-98-O.Path. Immunohistochemistry & Frozen Section Prep. (SL) 3 Mths Academic	SL-14-1-99-Ortho. Skeletal Malocclusions & Functional Appliances (SL) 6 Mths Ortho	SL-21-2-2000-Deans Off. Servicing/Repair of Medical Equipment (SL) 6 Months Deans	SL-27-2-2001-Gen. Path. Molecular Biology Expert (SL) 6 Mths Academic	SL-33-3-2002-Deans Off. Dental Nurse/Hygienist (SL) 6 Months (Deans)		
		SL-15-1-99-Comm.Dent. Computers/Statistics & Research Methodology (SL) 6 Mths Community Dent.					
Sri Lankan Counterparts for Training in Japan	J-1-1-1996 Prost. Prosthetic Dentistry Update (J) 1 yr Prosthetics	J-2-1-1998-Paedo. Space Maintenance including Stainless Steel Crowns (J) 6-9 mths. Paedo	J-9-2-2000-Anat. Neuro Anatomy (J) 9 Mths Anatomy Embryology (J) 9 Mths. Anatomy	J-13-2-2001-Dent. Anat. Dental Hard & Soft Tissue (J) 9Mths Dent. Anatomy	J-17-3-2002-O. Med. Management of TMJ Disorders (J) 6-12 Mths O. Med.		Training in Japan 20
	J-2-1-1998-O.Surg. Facial Deformities & Speech Rehabilitation (J) 6 Mths Oral Surgery	J-6-1-1999-Physio. Oral Physiology (J) 9 Mths. Physiology	J-10-2-2000-Perio. Management of Advance Periodontitis (J) 9 mths. Perio	J-14-2-2001 Pros., Res., Ortho. Dent. Tech (J) 6 Months	J-18-3-2002-O. Path. Immunohistochemistry (J) 6-12 Mths O. Path		
	J-3-1-1998-O.Path., Gen. Path. Lab Technician Oral Path. & General Path. (J) 6 Months	J-7-1-1999-O.Med. Lab. Technician Haematology & Clinical Chemistry Oral Medicine (J)	J-11-2-2000-Deans Off. Dental Nurse (J) 6 months Deans	J-15-2-2001-Basic Sci. Lab. Tech. (J) 6 Mths Basic Sci.	J-19-3-2002-Biochem. Oral Biochemical Techniques (J) 6 Mths. Biochemistry		
	J-4-1-1998-Comm. Dent. Epidemiology/Computers/Statistics/Research Methodology (J) 10-12 Mths Com. Dentistry	J-8-2-2000-Ortho. Orthodontics Management of Dento-Facial Deformities and Cephalometry (J) 6-9 mths Ortho.	J-12-2-2000-Ortho. Orthodontics Management of Dento-Facial Deformities and Cephalometry (J) 6-9 mths Ortho.	J-16-2-2001-Radio. Oral & Maxillofacial Radiologist Training (J) 12 Mths. Radiology	J-20-3-2002-Gen. Path. Molecular Biology (J) 6-12 Mths O. Path		
	J-5-1-1998-Rest. Crown & Bridge (J) 6months Res. Dentistry	J-23-2-2000 Pros., Res., Ortho. Dental Technician (J) 6 Months	J-24-2-2001 Pros., Res., Ortho. Dental Technician (J) 6 Months	J-25-3-2002 Radio. Radiographer (J) 6 Months Radiology			
	J-21-1-1998 Deans Off. Dental Nurse (J) 6 Months Deans Off.	J-22-1-1999 O.Surg. Hospital Nurse (J) 6 Months Deans Off.					
						Training in Japan 5	

Annexure VI

Annexure-VI List of Training Programmes in Sri Lanka & Japan

List of Training Programmes in Sri Lanka

PROGRAMME NUMBER & DIVISION	PROGRAMME TITLE
SL (0 to 3) (1997-2003) DEANS Dean's Office	Management of the Dental Faculty and Hospital
SL: 1-1-1998 REST., PROS. Restorative Dentistry	Endodontics, Operative Dentistry & Material Sciences
SL:1-1-1998 REST., PROS. Prosthetic Dentistry	Advanced Prosthetic Dentistry including maxillo-facial prosthesis Prosthetic Dentistry and metal dentures
SL:2-1-1998 REST., PROS., ORTHO. Orthodontics, Restorative, Prosthetics	Dental Technology Prosthetic, Restorative and Orthodontics
SL:3-1-1998 O.SURG. Oral Surgery	Maxillo-facial Soft tissue Reconstructive Surgery
SL: 4-1-1998 O.SURG. Oral Surgery	Management of Operation Theatre, ICU and CSSD
SL: 5-1-1998 ANAT. Anatomy	Specimen preparation and Cadaver Preservation in Anatomy including Anatomical Museum
SL: 6-1-1998 DEANS OFF. Dean's Office	Dental Nursing/Hygienist Service
SL: 7-1-1998 ORAL PATH. Oral Pathology/General Pathology	Immunohistochemistry and Frozen section preparation
SL: 8-1-1999 REST., Department of Restorative Dentistry.	Endodontics Operative Dentistry & Material Sciences.
SL: 9-1-1999 PROS Prosthetic Dentistry	Advanced Prosthetic Dentistry and Laboratory Technology
SL: 10-1-1999 REST., PROS., ORTHO. Orthodontics	Dental Technology Prosthetic, Restorative and Orthodontics

List of Training Programmes in Sri Lanka (cont'd)

<u>PROGRAMME NUMBER & DIVISION</u>	<u>PROGRAMME TITLE</u>
SL: 11-1-1999 DEANS OFF. Dean's Office	Dental Nursing/Hygienist Service
SL: 12-1-1999 D.ANAT., Dental Anatomy	Development of Teaching materials in Dental Soft & Hard Tissue
SL: 13-1-1999 PERIO. Periodontology	Improve the management of Periodontal disease
SL: 14-1-1999 ORTHO. Orthodontics	Management of patients with skeletal malocclusions using functional appliances
SL: 15-1-1999 COMM.DENT. Community Dentistry	Computers /Statistics and Research Methodology
SL: 16-2-2000 MICRO. Microbiology	Oral Microbiology
SL: 17-2-2000 O.PATH. Oral Pathology	Immunohistochemistry (IHC) and Routine Diagnosis
SL: 18-2-2000 RADIOL. Oral and Maxillofacial Radiology	Oral and maxillofacial radiology (OMFR)
SL: 19-2-2000 PAEDO. Paedodontics	Management of mentally & medically compromised children
SL: 20-2-2000 PHARMO. Division of Pharmacology	Curriculum Development in (Dental)Pharmacology
SL: 21-2-2000 DEANS OFF. Dean's Office	Service/Repair of medical equipment
SL: 22-2-2001 PHYS. Physiology	Physiology Laboratory Teaching

List of Training Programmes in Sri Lanka (cont'd)

<u>PROGRAMME NUMBER & DIVISION</u>	<u>PROGRAMME TITLE</u>
SL: 23-2-2001 BIOCHEM. Biochemistry	Biochemistry curriculum Development
SL: 24-2-2001 REST. Restorative Dentistry.	Advanced training in Endodontics, Crown and Bridge work Operative Dentistry & Materials Science
SL: 25-2-2001 PROS. Prosthetic Dentistry	Advanced Training in Prosthetic Dentistry
SL: 26-2-2001 O.SURG. Oral Surgery	Secondary Surgical Procedures in Cleft Lip and Palate patients
SL: 27-2-2001 GEN.PATH. General Pathology	Basic Molecular Biology Diagnostic Techniques.
SL: 28-3-2002 O.MED Oral Medicine	Management of oral mucosal disease
SL: 29-3-2002 REST. Restorative Dentistry	Dental Materials
SL: 30-3-2002 ANAT., D.ANAT. Dental Anatomy	Improvement of teaching & Research in Anatomy and Anatomy
SL:31-3-2002 PAEDO. Paedodontics	Management of children with developmental anomalies of teeth
SL: 32-3-2002 COMM. Community Dentistry	Epidemiology
SL: 33-3-2002 DEANS OFF. Dean's Office	Dental Nursing/Hygienist Service

List of Training Programmes in Japan

<u>PROGRAMME NUMBER & DIVISION</u>	<u>PROGRAMME TITLE</u>
J: 0 1997 DEANS OFF. Dean's Office	Service/Repair of dental equipment
J 1-1-1998 PROS. Dept. of Prosthetic Dentistry	Prosthetic Dentistry Update
J: 2-1-1998 O.SURG Dept. of Oral Surgery	Facial Deformities & Speech Rehabilitation
J: 3-1-1998 O.PATH., G.PATH Oral Pathology/General Pathology	Laboratory Technician Oral Pathology/General Pathology
J: 4-1-1998 COMM. DENT. Community Dentistry	Community Dentistry
J: 5-1-1998 REST Restorative Dentistry.	Advanced Restorative Dentistry (Crown and Bridge work)
J 21-1-1998 DEANS OFF. Dean's Office	Dental nursing
J: 6-1-1999 PEDO. Paedodontics	Space maintenance techniques and stainless steel crowns
J: 7-1-1999 PHYS. Physiology	Oral Physiology Teaching
J: 8-1-1999 O.MED Oral Medicine	Haematological and Biochemical Laboratory Technology
J: 22-1-1999 O.SURG. Oral Surgery	Hospital nurse training
J: 9-2-2000 ANAT. Anatomy	Neuroanatomy and Embryology for Dental Students.
J: 10-2-2000 PERIO Periodontology	Management of Advanced Periodontitis

List of Training Programmes in Japan (Cont'd)

<u>PROGRAMME NUMBER & DIVISION</u>	<u>PROGRAMME TITLE</u>
J: 11-2-2000 DEANS OFF Dean's Office	Dental Nursing
J: 12-2-2000 ORTHO. Orthodontics	Cephalometry & Orthodontic management of dento-facial deformities and Cephalometry.
J: 23-2-2000 REST., PROS., ORTHO. Restorative, Prosthetics, Orthodontics	Dental Technician (1)
J: 13-2-2001 D.ANAT. Dental Anatomy	Improvement of teaching in Dental Hard & Soft Tissue
J: 14-2-2001 REST., PROS., ORTHO. Restorative, Prosthetics, Orthodontics	Dental Technician (1)
J: 15-2-2001 BASIC SCI Basic Sciences	Basic Sciences Laboratory Management
J: 16-2-2001 RADIOL. Oral and Maxillofacial Radiology	Oral and maxillofacial radiology (OMFR)
J: 24-2-2001 REST., PROS., ORTHO. Restorative, Prosthetics, Orthodontics	Dental Technician (1)
J: 17-3-2002 O.MED Oral Medicine	Management of Temporomandibular Joint (TMJ) Disorders
J: 18-3-2002 G.PATH Department of Oral Pathology	Immunohistochemistry (IHC)
J: 19-3-2002 BIO.CHEM. Biochemistry	Oral Biochemical techniques
J: 20-3-2002 G.PATH General Pathology	Basic Molecular Biology Diagnostic Techniques
J: 25-3-2002 RADIOL. Oral & Maxillo-facial Radiology	Training of Dental Radiographer

Training Programmes

in

Sri Lanka

SL : 1 - 1 - 1998 - REST.PROSTH.

Country	Programme No	Phase	Year	Discipline
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Programme Number: SL (0 to 3) (1997-2003) DEANS OFF.

Division: Dean's Office

Training Title: Management of the Dental Faculty and Hospital

Training Purpose:

After Training the trainee is able to:

To run the administration of the New Dental Faculty/Hospital Complex efficiently.

Candidate Venue: <<Peradeniya >>

Duration (plan): 5 yrs

Trainee(s):

Training Materials(s):

Equipment Input(s) to FDS/UP (See attached sheet)

Narrative Summary of the Programme

GOAL

To sustain optimum standard of functions related to the administrative aspect of the new Dental Faculty/Hospital Complex.



TRAINING PURPOSE

To train the Dean's office staff in management skills.



OUTPUTS (RESULTS OF THE TRAINING)

1.

The principals, concepts, definitions and main functions of management are understood.

2.

The principals of managing finances, stocks, personal and time are understood.

3.

Skills involved in the office organization and management is acquired.

4.

Skills of the application of computers in office management is acquired.

5.

Additional Information:

(see annexure)

Additional Information:

(see annexure)

annexure

Additional Information:

Programme Number: SL (0 to 3) (1997-2003) DEANS OFF.

Division: Dean's Office

Training Title: Management of the Dental Faculty and Hospital

Equipment Input(s) to FDS/UP

<u>ITEM /COMPANY</u>	<u>SPECIFICATIONS</u>
1. Desktop Digital Duplicator	(DUPLO DP 4030)
Duplo Corporation, 7-6 Izumi Honcho I Chome, Komae, Tokyo 201, Japan.	400dpi, paper size 105x148 -302x438 mm
2. Accessories for the Digital Duplicator	
Roll Master	DR 650/A3 size
Ink Pads	600cc
Spare Drum Units	DP4030/A3 size
Computer Interphase Kit	
LCD Edit board/Digitizer	
3. Personal Computer with interfase for use with the Digital Duplicator	Pentium 133
4. Scanner for computer, flat bed type	
5. Laminating Machine	FUJI Lamipacker LPD 3204 Pouchtype 320mm
6. Paper Trimmer	IDEAL 1080 800mm 40 sheets
7. Paper Shredder	IDEAL 2600 Desk side 20x260mm
8. Stapling Machine	MAX EH30F electric 2-50
9. Binding Machine	IBIMASTER Wire & Spiral binding

Programme Number: SL: 1-1-1998 REST., PROS.

Division: Department of Restorative Dentistry.

Training Title: Endodontics, Operative Dentistry & Material Sciences.

After Training the trainees are able to:

Practice all endodontic and operative dentistry procedures for service, teaching and research

Candidate Venue: << Peradeniya:>>

Duration (plan).....wks.....12.....month(s)

Trainee(s): Academic staff and Lab Technicians Restorative Dentistry department

Trainer: Experts in endodontics, crown and bridge, operative dentistry and dental materials

Training Material(s): Endodontic, crown & bridge materials, slides, models, training aids.

Equipment Input(s) to FDS/UP: Ancillary endodontic equipment

Magnification loops, Ultrasonic bath & Small refrigerator to store composite restorative materials.

Narrative Summary of the Programme:

GOAL

Attain international standards in patient care and teaching of Restorative Dentistry.



TRAINING PURPOSE

Upgrade the knowledge of Operative Dentistry, teaching and management skills of staff of Dept. of Restorative Dentistry.



OUTPUTS (RESULTS OF THE TRAINING)

1.

Basic theoretical and clinical skills of Endodontics are obtained.

2.

Basic theoretical clinical and lab skills of crown and bridge are obtained.

3.

Teaching skills in operative dentistry is improved.

4.

Teaching of Dental material science is strengthened.

5.

Improved standards of patient care and teaching achieved.

Additional Information:

This is a 1 year training programme involving 4 disciplines of restorative dentistry

Programme Number: SL: 1-1-1998 REST., PROS.

Division: Dept. of Prosthetic Dentistry

Training Title: Advanced Prosthetic Dentistry including maxillo-facial prosthesis and metal dentures

Training Purpose:

After Training the trainees are able to do:

Treatment planning, design and construction of advanced prostheses

Candidate Venue: <<Peradeniya >>

Duration (plan):wks.....12 month(s)

Trainee(s): Senior Academic Staff Members and dental technicians

Training Materials(s): Cobalt chromium, Silicone rubber material osseo-integrated implants

Equipment Input(s) to FDS/UP : Special drills for implant placements, casting machine

Narrative Summary of the Programme

GOAL

Designing and construction of advanced prostheses.



TRAINING PURPOSE

The trainee should be able to cast metal dentures and construct maxillofacial prostheses



OUTPUTS (RESULTS OF THE TRAINING)

1.

Skills needed for investigation and assessment of patients with maxillofacial defects are acquired.

2.

Skills required to design construction and delivery of metal denture are acquired.

3.

Skills require for designing and construction of maxillofacial prostheses are acquired.

4.

Skills required to manage patients for implants are acquired.

5.

Additional Information :(see annexure)

Annexure:

Additional Information :

Programme Number: SL: 1-1-1998 REST., PROS. Division: Dept. of Prosthetic Dentistry
Training Title: Advanced Prosthetic Dentistry including maxillo-facial
prosthesis and metal dentures

Training Materials(s) & Equipment Input(s) to FDS/UP :

1. Rubber base impression material
2. Plaster bandage
3. Draught excluder
4. Beading wax
5. Boxing wax
6. Carving wax
7. Adhesive
8. Removers
9. Silicones
10. Master colours
11. Extrinsic colours
12. Prosthetic eyes

For metal casting - For removable partial dentures

High frequency centrifugal casting machine - Item No. A092

Manufacturer : J.Morita Corporation - Model - Eagle

1. Cobalt chromium alloy
2. Blocking out wax
3. Duplicating gel
4. Wax pattern
5. Investment material
6. Crucible
7. Casting ring
8. Tungsten carbide stone
9. Cutting off discs
10. Rubber wheel and points
11. Red and green polishing compound
12. Impression wax
13. Fluxes

For Implant dentures

1. Implantology surgical unit (FRIATEC) -Morita corporation
2. Osseo integrated implant sets with accessories

Teaching materials

1. Books - Prosthetic Rehabilitation - Keith F. Thomas,
Quintessence publishing Co. ltd, 1994
IS BN 1-85097-032-2
2. Oral Implantology - A. Schroeder/F. Sutter/D.Burser/
G. Krekeler - 1996 -2nd Edition
Theime, medical publications, New York.
2. Video cassettes - 1. On metal casting
2. Maxillo facial Prostheses
3. Implant dentures

Programme Number: SL: 2-1-1998 REST., PROS., ORTHO.

Division: Restorative, Prosthetics and Orthodontics

Training Title: Dental Technology Prosthetic, Restorative and Orthodontics

Training Purpose:

After Training the trainees are able to:

Construct all types of modern removable functional appliances and fixed appliance components as instructed by the clinician with accuracy.

Candidate Venue: <<Peradeniya >>

Duration (plan):wks.....12.....month(s)

Trainee(s): Technicians of respective departments

Training Materials(s):

Equipment Input(s) to FDS/UP

Narrative Summary of the Programme

GOAL

To improve the quality and the quantity of services provided to the orthodontic, Restorative Dentistry and Prosthetic patients. Improve the theoretical and laboratory skills of the technicians.



TRAINING PURPOSE

Improving the knowledge of the appliances used in removable functional and fixed appliance techniques in orthodontics . Improve the theoretical and laboratory skills of restorative, prosthetic and orthodontic technicians.



OUTPUTS (RESULTS OF THE TRAINING)

1.

Basic principles of removable fixed and functional appliances are understood.

2.

Skills to interpret the prescription and to construct each type of appliance are acquired

3.

Skills to maintain all orthodontic laboratory hand instruments are acquired.

4.

Skills of restorative and prosthetic dentistry technicians are improved

5.

Programme Number: SL: 3-1-1998 O.SURG.

Division: Dept. of Oral Surgery

Training Title: Maxillo-facial Soft tissue Reconstructive Surgery

Training Purpose:

After Training the trainees are able to:

Perform Reconstructive Surgery after ablation of Oral malignancies using free flaps involving Microvascular and nerve Anastomosis

Candidate Venue: <<Peradeniya >>

Duration (plan):wks.....12.....month(s)

Trainee(s): Academic staff of the Dept. of Oral Surgery & other interested surgeons

(Oral, ENT, PLASTIC)

TRAINER- Japanese expert skilled in vascularised free flap surgery eg: radial forearm, latissimus dorsi, deep circumflex iliac groin, revascularised rib, scapular, inferior rectus abdominis etc. including nerve Anastomosis

Training Materials(s): (see annexure)

Equipment Input(s) to FDS/UP (see annexure)

Narrative Summary of the Programme

GOAL

To Improve the quality of Reconstructive surgery following surgical resections of Oral and Maxillo-facial malignancies in Sri Lanka



TRAINING PURPOSE

Oral and Maxillofacial Surgeons will practice Reconstructive Surgical procedures using free grafts including Microvascular and nerve Anastomosis maintaining international standards



OUTPUTS (RESULTS OF THE TRAINING)

1.

The theory of reconstructive surgery using free flaps in Maxillo-facial surgery is obtained.

2.

The clinical skills required for Reconstructive surgery using free flaps are acquired.

3.

Short training programme for free flap surgery suitable for Sri Lanka is developed.

4.

5.

Additional Information: (Please see annexure.)

Annexure

ADDITIONAL INFORMATION:

Training Title: Maxillo-facial Soft Tissue Reconstructive Surgery

TRAINING MATERIAL:

Textbooks on the principles and practice of maicrovascular surgery
 Reconstructive Microsurgery by Daniel RK, Terris JK. LITTLE, Brown, Boston
 Microvascular Tissue Transfer-Fundamental Technique & Clinical Applications
 Igaku-Sonin, TOKYO
 Computer software on Microvascular surgery techniques
 Audio-Visual aids on Microvascular surgery

EQUIPMENT:

QTY	ITEM	CAT. No.	MANUFACTURER
1	Blood Gas Analyzer with 1 year kit	SENDIX-STAT PAL II	Sendix Medical Inc. USA
1	Operating Microscope with floor stand and dual stereo attachment	WILD/M651 MS-C	Leica, Heerbrugg, Switzerland
5	Microvascular Surgical Instrument set containing: Micro-Forceps, Micro Scissors, Micro-needle holders Vessel dilators and Vessel clamps	JMC 9-2775	JMC Catalogue
1	Electric Artery Tourniquet	JMC 9-02032	JMC Catalogue
1	Ventilator (therapeutic for ICU Management)	ART1000	
1	Electrocardiograph with a monitor to take 12 lead ECG recording)	ECU-8820KD	NIHON-KOHDEN
1	Cardiac Defibrillator	TEC-72NK	NIHON-KOHDEN
2	Syringe Pump	IVAC P3000	Ivac Medical Systems, USA
2	Patient Controlled Alagesia (PCA) Pump	IVAC P5000	Ivac Medical Systems, USA
2	Pulse Oximeter	OVL 1200B	NIHON-KOHDEN
2	Nerve Stimulator	Neurosign 100	Magstim CoLtd, UK

Programme Number: SL: 4-1-1998 O.SURG.

Division: Dept. of Oral Surgery

Training Title: Management of Operation Theatre, ICU and CSSD

Training Purpose:

After Training the trainees are able to:

perform efficiently the functions of the Operation Theatre, Intensive Care Unit and the Central Sterilizing Facility

Candidate Venue: <<Peradeniya >>

Duration (plan):wks.....6 - 12 month(s)

Trainee(s): Nursing Staff of the Operation theatre, ICU and the CSSD

Trainer: Japanese expert skilled in Management of Operation Theatre, ICU and CSSD

Training Materials(s): Mannequins for CPR procedures and intubation adult and paedric type.

Equipment Input(s) to FDS/UP

Narrative Summary of the Programme

GOAL

Improve the standard of management of the Operating Theatre, Intensive Care Unit and the Central Sterilizing Complex of the Maxillo-facial Unit



TRAINING PURPOSE

Nursing staff will function efficiently in the Operating Theatre , ICU and the CSSD



OUTPUTS (RESULTS OF THE TRAINING)

1.

Functions of the Operating theatre, ICU and CSSD is understood.

2.

The Aseptic technique practiced in the OT, ICU and CSSD are understood.

3.

The storage, use and maintenance of specialized equipment are understood.

4.

The management of staff in the OT, ICU and CSSD is understood.

5.

The maintenance of records in the OT, ICU and CSSD is understood.

Additional Information: (please see annexure

Annexure

ADDITIONAL INFORMATION:

Training Title: Management of Operation Theatre, ICU and CSSD

TRAINING MATERIALS(S):

- Audio-visual aids on infection control measures, hospital management
- Models & Mannequins on CPR and related hospital procedures
- Stimulator on Cardio-pulmonary Resuscitation
- Stimulator on intravenous procedures
- Stimulator on endotracheal intubation

EQUIPMENT INPUT(S) TO FDS/UP

QTY	ITEM	CATALOGUE NUMBER
2	Emergency Cart	JMC 9-10169
2	Instrument /Dressing Table	JMC 9-10182
2	Instrument carriage	JMC 9-10180
2	Chart file cart	JMC 9-10170
2	Medication cart	JMC 9-10173
2	Folding Litter	JMC 9-10151
2	Transfer Cart for CSSD	JMC 9-08091
6	Instrument Tray with castors	JMC 9-07675

Programme Number : SL: 5-1-1998 ANAT.

Division : Anatomy

Training Title : Specimen preparation and Cadaver Preservation in Anatomy including Anatomical Museum

Training purpose :

Trainees are able to select, prepare and preserve cadavers as well as prepare and display museum specimens and reference materials for the establishment and expansion of an Anatomical Museum

Candidate Venue : Peradeniya

Duration (plan) : 6 months

Trainees : Academic staff (08), Technical staff (04), and Minor staff (04)

Trainer : Expert in Gross Anatomy

Training Material(s) : Anatomical models

Equipment input(s) to FDS/UP : Silicone embedding machine, , Microscope with TV camera and 04 monitors, Microscope attachment for Photomicrography, Dissecting loupes.

Narrative Summary of the Programme

GOAL

Improve the teaching programme in Anatomy.



TRAINING PURPOSE

Practical teaching programme in Anatomy is strengthened by providing well preserved cadavers and an Anatomical Museum.



OUTPUTS (RESULTS OF THE TRAINING)

1.

Effective procedures for the receipt, preservation and storage of cadavers are developed

2.

A high level of competence in cadaver preservation is acquired.

3.

Thorough knowledge of handling of equipment and chemicals is gained.

4.

Competency in dissecting and displaying museum specimens is acquired.

5.



6.



Additional Information:

1. In addition skills in preparation of specimens of sagittal and axial sections of the head and neck region for comparison with MRI and CT images and their interpretation will be acquired.
2. Skills in medical photography and photomicrography for the provision of teaching and reference materials for the museum will be acquired.

Programme Number:SL: 6-1-1998 DEANS OFF.

Division: Dean's Office

Training Title: Dental Nursing/Hygienist Service

Training Purpose:

After Training the trainees are able to:

Manage clinical utility areas efficiently

Candidate Venue:<<Peradeniya >>

Duration (plan):wks.....6.....month(s)

Trainee(s):

Training Materials(s):

Equipment Input(s) to FDS/UP

Narrative Summary of the Programme

GOAL

To sustain optimum standard of functions related to dental nursing and hygienist services in the New Dental Faculty/Hospital Complex.



TRAINING PURPOSE

To train dental surgery assistants and hygienists in efficient management of clinical utility areas.



OUTPUTS (RESULTS OF THE TRAINING)

1.

The principles of maintenance of dental chairs/units are understood.

2.

Skills of routine maintenance, and servicing of dental equipment and instrument are acquired.

3.

Sterilization procedures are practiced.

4.

Skills of four handed dentistry are acquired.

5.

Training in maintenance of patients records and appointment schedules is obtained.

6.

Skills involved in Dental Hygienist practiced is acquired

Additional Information:

Programme Number: SL: 7-1-1998 ORAL PATH.

Division: Oral Pathology/General Pathology

Training Title: Immunohistochemistry and Frozen section preparation

Training Purpose:

After Training the trainees are able to:

Perform cryostat frozen sections of operation theatre material for routine diagnosis.

Candidate Venue: <<Peradeniya >>

Duration (plan):wks.....3.....month(s)

Trainee(s): All academic/technical staff in Oral Pathology

Training Materials(s): A few items may be necessary.

Equipment Input(s) to FDS/UP: A cryostat machine is available. A few small items may be required at the time of implementation.

Narrative Summary of the Programme

GOAL

The diagnostic parameters of Oral Histopathology are improved in quality and quantity.



TRAINING PURPOSE

To set up and prepare cryostat aided routine diagnosis.



OUTPUTS (RESULTS OF THE TRAINING)

1.

To set up a fully functional cryostat.

2.

Technique of cryostat section preparation will be mastered by all staff in the department.

3.

Quality control systems in place for operation Theatre (OT) for rapid diagnosis.

4.

To overview the smooth running of the entire department.

5.

6.

Additional Information:

Programme Number: SL: 8-1-1999 REST.,

Division: Department of Restorative Dentistry.

Training Title: Endodontics Operative Dentistry & Material Sciences.

After Training the trainees are able to:

Practice all endodontic and restorative procedures for service, teaching and research

Candidate Venue:<< Peradeniya:>>

Duration (plan).....wks.....12.....month(s)

Trainee(s): 04 Senior Lecturer/Lecturers and Restorative Lab Technicians

Trainer: Experts in endodontics, crown and bridge, operative dentistry and dental materials

Training Material(s): Endodontic ,crown & bridge materials, slides models, training aids.

Equipment Input(s) to FDS/UP: Ancillary endodontic equipment

Magnification loops, Ultrasonic bath & Small refrigerator to store composite restorative materials.

Narrative Summary of the Programme:

GOAL

Attain international standards in patient care and teaching of restorative dentistry.



TRAINING PURPOSE

Upgrade the knowledge , operative, teaching and management skills of staff of Dept. of Restorative Dentistry.



OUTPUTS (RESULTS OF THE TRAINING)

1.

Basic theoretical and clinical skills of Endodontics are obtained.

2.

Basic theoretical clinical and lab skills of crown and bridge are obtained.

3.

Teaching skills in operative dentistry is improved.

4

Teaching of Dental material science is strengthened.

5.

Improved standards of patient care and teaching achieved.

Additional Information:

As this is a 1 year training programme involving 4 disciplines of restorative dentistry one or more than one trainer (experts) from Japan may be necessary.

Programme Number: SL: 9-1-1999 PROS

Division: Dept. of Prosthetic Dentistry

Training Title: Advanced Prosthetic Dentistry and Laboratory Technology (Academic)

Training Purpose:

After Training the trainee is able to:

Laboratory procedures required for metal casting, maxillo-facial prostheses and implant dentures.

Candidate Venue: <<Peradeniya >>

Duration (plan):wks..... 12.....month(s)

Trainee(s): Senior Dental Technician

Trainer : Expert in dental laboratory technology

Training Materials(s): Cobalt chromium, Silicone material, osseo-integrated implants.

Equipment Input(s) to FDS/UP : Casting machine, Milling machine

Narrative Summary of the Programme

GOAL

Successful prosthetic rehabilitation of maxillofacial defects including dentition.



TRAINING PURPOSE

The trainee should be able to cast metal dentures construct maxillofacial prostheses construct implant dentures



OUTPUTS (RESULTS OF THE TRAINING)

1.

Knowledge of laboratory equipments ,dental materials and laboratory techniques is acquired.

2.

Basic skills related to the construction of acrylic denture are required.

3.

Skills related to setting of teeth in fully adjustable articulators are acquired.

4.

Advanced laboratory techniques of metal casting, facial prostheses and implant dentures are acquired.

5.

Programme Number: SL: 10-1-1999 REST., PROS., ORTHO.

Division: Orthodontics

Training Title: Dental Technology Prosthetic, Restorative and Orthodontics

Training Purpose:

After Training the trainees are able to:

Construct all types of modern removable functional appliances and fixed appliance components including prosthetic and restorative dentistry as instructed by the clinician with accuracy.

Candidate Venue: <<Peradeniya >>

Duration (plan):wks.....12.....month(s)

Trainee(s):

Training Materials(s):

Equipment Input(s) to FDS/UP

Narrative Summary of the Programme

GOAL

To improve the quality and the quantity of services provided to the orthodontic, restorative and prosthetic patients. Improve the theoretical and laboratory skills of orthodontic and other dental technicians.



TRAINING PURPOSE

Improving the knowledge of the appliances used in removable functional and fixed appliance techniques in orthodontics. Improving the laboratory skills of the orthodontic technician in construction of each of the appliance. Improve the theoretical and laboratory skills of all technicians.



OUTPUTS (RESULTS OF THE TRAINING)

1.

Basic principles of removable fixed and functional appliances are understood.

2.

Skills to interpret the prescription and to construct each type of appliance are acquired

3.

Skills to maintain all orthodontic laboratory hand instruments are acquired.

4.

Other skills for prosthetic and restorative technicians developed

5.

Programme Number: SL: 11-1-1999 DEANS OFF.

Division: Dean's Office

Training Title: Dental Nursing/Hygienist Service

Training Purpose:

After Training the trainees are able to:
Manage clinical utility areas efficiently

Candidate Venue: <<Peradeniya >>

Duration (plan):wks.....6.....month(s)

Trainee(s):

Training Materials(s):

Equipment Input(s) to FDS/UP

Narrative Summary of the Programme

GOAL

To sustain optimum standard of functions related to dental nursing and hygienist services in the New Dental Faculty/Hospital Complex.



TRAINING PURPOSE

To train dental surgery assistants and hygienists in efficient management of clinical utility areas.



OUTPUTS (RESULTS OF THE TRAINING)

1.

2.

3.

The principles of maintenance of dental chairs/units are understood.

Skills of routine maintenance, and servicing of dental equipment and instrument are acquired.

Sterilization procedures are practiced.

4.

5.

6.

Skills of four handed dentistry are acquired.

Training in maintenance of patients records and appointment schedules is obtained.

Skills involved in Dental Hygienist practiced is acquired

Additional Information:

Programme Number : SL: 12-1-1999 D.ANAT.,

Division : Dental Anatomy

**Training Title : Development of Teaching materials in Dental Soft
& Hard Tissue**

Training purpose : The Trainees will be able to have a high degree of skills in the preparation of light microscopic slides of Dental hard and soft tissues and bone.

Candidate Venue : Sri Lanka

Duration (plan) : 6 months

Trainees : Academic staff , Technical Staff

Trainer : Expert in Dental Anatomy

Training Material(s) : Materials for special stains,

Equipment input(s) to FDS/UP : Hard tissue microtome system,

Narrative Summary of the Programme

GOAL

Improve the teaching programme in Dental Anatomy.



Will have a high level of skills in the preparation of microscopic slides of dental hard and soft tissues, associated structures and bone.

TRAINING PURPOSE



OUTPUTS (RESULTS OF THE TRAINING)

1.

Will have a detailed knowledge of dental hard and soft tissues and bone

2.

will have the skills in operating and maintaining hard tissue microtome systems

3.

will have a high degree of skills in the preparation of dental hard tissue and soft tissue microscope slides

Programme Number: SL: 13-1-1999 PERIO.

Division: Periodontology

Training Title: Improve the management of Periodontal disease

After Training the trainees are able to :

1. Improve the ability to diagnose periodontal disease
2. Should have acquired skills
 - a. in the use of diagnostic tools.
 - b. in the collection of diagnostic materials for laboratory investigations e.g. Blood, crevicular fluid

Training Venue: << Peradeniya:

Duration (plan):.....wks.....12.....month(s)

Trainee(s): Academic staff

Training Materials(s) Clinical training

Equipment input(s) to FDS/UP

- I. The dent test - periodontal pathogen detection system - Micro probe corp - U.S.A.
- II. Florida probe (automated probe - florida probe Corp.USA.
- III. ELISA Reader

Narrative Summary of the Programme:

GOAL

Improve the ability to diagnose periodontal disease.



TRAINING PURPOSE

Improve the Management, treatment and review of Periodontal disease.



OUTPUTS (RESULTS OF THE TRAINING)

1.

Trainee will be conversant with the available office - and laboratory-aids to diagnose Periodontal disease

2.

Trainee will be able to perform clinical investigations to diagnose periodontal disease.

3.

Trainee will acquire the skills in radiological investigations to diagnose periodontal disease.

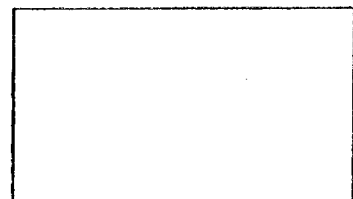
4.

Trainee should be able to analyze and synthesize the information collected from patients and laboratory investigations in order to diagnose periodontal diseases.

5.

Trainee should acquire skill in the surgical management of periodontal disease

6.



Programme Number: SL : 14-1-1999 ORTHO.

Division: Orthodontics

Training Title: Management of patients with skeletal malocclusions using functional appliances

Training Purpose:

After Training the trainees are able to:

Use functional appliance to correct skeletal malocclusion of young patients

Candidate Venue: <<Peradeniya >>

Duration (plan):wks.....6-9.....month(s)

Trainee(s):

Training Materials(s):

Equipment Input(s) to FDS/UP

Narrative Summary of the Programme

GOAL

Orthodontic management of young patients with skeletal malocclusions is improved



TRAINING PURPOSE

Theoretical knowledge and clinical skills of the orthodontist in the use of functional appliances improved.



OUTPUTS (RESULTS OF THE TRAINING)

1.

Theoretical knowledge in use of functional appliances improved.

2.

Skills in recording the occlusions and constructing appliances acquired.

3.

Skills in monitoring progress of treatment acquired.

4.

5.

6.

Additional Information:

Programme Number: SL: 15-1-1999 COMM.DENT.

Division : Community Dentistry

Training Title: Computers /Statistics and Research Methodology

Training Purpose:

After Training the trainee(s) is (are) able to:

Organize undergraduate and postgraduate training programmes in the use of computers and statistical methodology.

Candidate Venue: <<Peradeniya>>

Duration (plan):wks....2-6.....month(s)

Trainer: Suitable Japanese expert in use of computers and medical statistics.

Training Materials(s): To be determined by trainer.

Equipment Input(s) to FDS/UP: Please see separate list annexed.

Narrative Summary of the Programme

GOAL

To improve the teaching of computer literacy, medical statistics and epidemiological research methodology in the Faculty.



TRAINING PURPOSE

Ensure that academic staff in the Division of Community Dentistry will be able to use the new facilities to run courses in computer literacy, medical statistics and research methodology.



OUTPUTS (RESULTS OF THE TRAINING)

1.

2.

3.

Teaching programme in computer literacy is organized.

Teaching programme in medical statistics is organized.

Knowledge of Epidemiological research methodology is

Additional Information: (please see annexure)

It is preferred if the Japanese trainer with expertise in computers and medical statistics, would have a medical/dental educational background.

Equipment inputs for Programme 1 and Programme 2

1. TV monitor and video recorder
2. Advanced computer software including CD ROM resource material and informatics packages in epidemiology.
3. Computer camera attachment for preparation of 35mm projection teaching slides
4. Computer with large screen projection facility for group teaching.
5. Computerised automated device for estimation of periodontal pocket depth and loss of attachment in epidemiological surveys. eg. Florida probe.

Programme Number: SL: 16-2-2000 MICRO.

Division: Microbiology

Training Title: Oral Microbiology

Training Purpose:

After Training the trainees are able to:

Carry out an effective teaching programme in anaerobic oral microbiology, and improve service functions while strengthening the research capabilities of the division of microbiology.

Candidate Venue: <<Peradeniya >>

Duration (plan):wks.....6.....month(s)

Trainee(s): All lecturers in the division

Training Materials(s):

Equipment Input(s) to FDS/UP

Narrative Summary of the Programme

GOAL

Improve the quality of teaching capabilities in Oral Microbiology.



TRAINING PURPOSE

Training in anaerobic oral microbiology.



OUTPUTS (RESULTS OF THE TRAINING)

1.

Comprehensive theoretical knowledge in anaerobic oral microbiology with special emphasis to dental plaque is acquired..

2.

Anaerobic culture techniques are mastered.

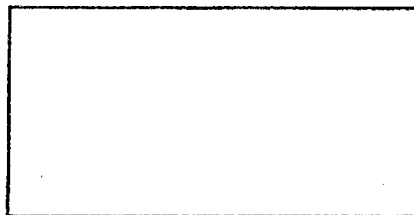
3.

Advanced microbiological diagnostic techniques are practiced.

4.

Training in equipment maintenance in a microbiology laboratory is obtained

5.



Programme Number: SL: 17-2-2000 O.PATH.

Division: Oral Pathology

Training Title: Immunohistochemistry (IHC) and Routine Diagnosis

Training Purpose:

After Training the trainee(s) is (are) able to:

Practice immunohistochemical examinations at the Faculty of Dental Sciences, University of Peradeniya, for service and research

Candidate Venue: <<Peradeniya>>

Duration (plan):wks.....12.....month(s)

Trainee(s):

Trainer : Expert Japanese Pathologist in IHC and routine diagnosis

Training Materials(s): Basic Kits required

Equipment Input(s) to FDS/UP: Basic equipment available with grant aid. A few items may be required at the time of implementation. A microradiography apparatus

Narrative Summary of the Programme

GOAL

The diagnostic parameters of oral histopathology are improved in quality and quantity.



TRAINING PURPOSE

To set up immunohistochemical techniques for service and research at the Faculty of Dental Sciences.



OUTPUTS (RESULTS OF THE TRAINING)

1.

To set up a fully functional laboratory for IHC.

2.

All 4 academic staff and 3 technical staff will be trained in IHC.

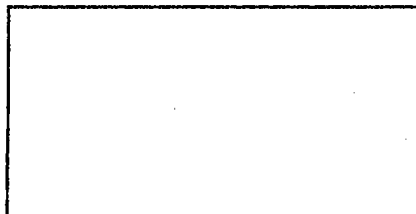
3.

Technical of cryostat section preparation will be mastered by all staff.

4.

Quality control systems in function in the Dept. of Oral Pathology.

5.



Additional Information:

The visiting Japanese expert oral pathologist is welcome to develop and formulate other outputs related to general pathology eg. teaching slide material preparation.

Programme Number: SL: 18-2-2000 RADIOL.

Division: Oral and Maxillofacial Radiology

Training Title: Oral and maxillofacial radiology (OMFR)

Training Purpose:

After the training the trainee will be able to carry out radiographic investigations skillfully and contribute to the efficient management of the Radiology department of the new dental hospital

Candidate Venue: Peradeniya

Duration : 6-9 months

Trainees: Radiographer and academic staff of Radiology dept

Trainer : Oral and Maxillofacial Radiologist

Training materials:

Equipment inputs to FDS/UP:

Narrative Summary of the Programme

GOAL:

To provide an efficient and satisfactory radiological diagnostic service to the various clinical departments of the new dental hospital



TRAINING PURPOSE

The trainee will be able to carry out radiographic investigations skillfully and contribute to efficient management of the Radiology department of the new dental hospital.



OUTPUTS (RESULTS OF THE TRAINING)

1.

Competence of the staff in oral and maxillofacial radiographic techniques including fluoroscopy is strengthened.

2.

Implementation of better standards of radiation protection learnt

3.

High degree of quality assurance of radiographs made possible.

4.

Trainee is able to contribute to efficient management of the radiology division by elimination of wastage of time and resources and better storage and retrieval of radiographs.

5.

Additional Information:

The radiographer to be trained has previously worked as a radiographer at a general hospital.

Programme Number: SL: 19-2-2000 PAEDO.

Division: Paedodontics

Training Title: Management of mentally & medically compromised children

Training Purpose:

After Training the trainees are able to:

Manage mentally and medically handicapped children successfully and efficiently

Candidate Venue: <<Peradeniya >>

Duration (plan):wks.....6 - 12.....month(s)

Trainee(s): All Senior and Junior Lecturers in the Division of Paedodontics.

Training Materials(s):

Equipment Input(s) to FDS/UP 2 portable dental chairs, 2 portable units,
1 lap top computer
1 dental chair/unit for handicapped children.

Narrative Summary of the Programme

GOAL

Improve quality of patient care in mentally and medically handicapped children.



TRAINING PURPOSE

Improve skills in the management of mentally and medically compromised children.



OUTPUTS (RESULTS OF THE TRAINING)

1.

Theoretical knowledge of behaviour management of child patient with special emphasis to mentally and medically handicapped is strengthened.

2.

Concepts and principles in managing mentally retarded children are obtained.

3.

Concepts and principles in managing medically handicapped children are obtained.

4.

Actual management of mentally and medically compromised patients in the Paedodontic Clinic and extention of such service into out reach programmes

5.

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6.

Additional Information

Annexure

Additional Information

Programme Number: SL: 19-2-2000 PAEDO.

Division: Paedodontics

Training Title: Management of mentally & medically compromised children
Programme Number: SL: 20-2-2000

Equipment Input(s) to FDS/UP

QTY	ITEM	MODEL	MANUFACTURER
2	portable dental chairs	Simple type	
2	portable units	0800010	Morita
1	dental chair/unit for handicapped children.	0800440	Morita
1	lap top computer with printer		

Programme Number: SL: 20-2-2000 PHARMO.

Division: Division of Pharmacology

Training Title: Curriculum Development in (Dental)Pharmacology

Training Purpose:

At the end of the training the trainees, along with the trainer, will be able to critically evaluate the present curriculum of pharmacology for dental students and its implementation and make appropriate improvement if and where necessary

Candidate Venue: Peradeniya

Duration : 2-3 months

Trainees: Teachers of Pharmacology (and oral medicine)

Training materials:

Equipment Inputs: None

Narrative Summary of the Programme

GOAL

The teaching and learning process of pharmacology for dental undergraduates is improved.



TRAINING PURPOSE

The trainees are able to critically evaluate the present curriculum of pharmacology for dental undergraduate students and its implementation.



OUTPUTS (RESULTS OF THE TRAINING)

1.

The course content in pharmacology for dental undergraduate students is developed

2.

Teaching and learning methods in pharmacology are improved.

3.

Continuous evaluation of student performance is performed.

4.

End-of-course evaluation of student performance is assessed.

5.

Additional Information:

The services of an experienced and qualified teacher in (dental) pharmacology preferably with experience and training in medical education will be suitable.

Programme Number: SL: 21-2-2000 DEANS OFF.

Division: Dean's Office

Training Title: Service/Repair of medical equipment

Training Purpose:

After Training the trainees are able to:

Service and carry out routine repairs of medical laboratory equipment

Candidate Venue: <<Peradeniya >>

Duration (plan):wks.....6.....month(s)

Trainee(s):

Training Materials(s):

Equipment Input(s) to FDS/UP

Narrative Summary of the Programme

GOAL

To sustain optimum standard of function of the medical laboratory equipment.



TRAINING PURPOSE

To train a technician to maintain and service medical laboratory equipment.



OUTPUTS (RESULTS OF THE TRAINING)

1.

Theoretical knowledge of mechanical, electrical and electronic components of medical laboratory equipment is acquired.

2.

Identify and explain the functions of a circuit diagram of medical laboratory equipment.

3.

Select appropriate diagnostic tools to detect the defects of medical laboratory equipment.

4.

Carry out routine repairs of medical laboratory equipment.

5.

Identify major defects of medical laboratory equipment which needs to be sent to the agents for repairs.

6.

Prepare maintenance protocols for medical laboratory equipment.

7.

Theoretical knowledge of mechanical, electrical and electronic components of medical laboratory equipment.

Additional Information:

Programme Number : SL: 22-2-2001 PHYS.

Division : Physiology

Training Title : Physiology Laboratory Teaching

Training purpose : After the training, the trainees are able to reorganise and improve the laboratory practicals teaching programme in Physiology.

Candidate Venue : Sri Lanka

Duration (plan) : 12 months

Trainees : 4 academic and 3 technical staff in the Division of Physiology

Trainer : Physiologist with experience in teaching dental students

Training Material(s).

Equipment input(s) to FDS/UP : Blood Flow Meter, Blood Typing Kits, Colour Vision Test Charts- Ishihara type, CPR Mannequin - Adult, Diagnostic Sets - Halogen, Haematology Slide Stainer, Haemocytometers, Haemoglobinometers, Mobile First Aid Station, Near Point Testing Rules, Peak Flow Meters, Perimeter- Stand Type, Sense of Smell Kits, Skinfold Callipers, Sports Ergo Treadmill, Urinometers. ECG machine, Haematocrit centrifuge

Narrative Summary of the Programme

GOAL

Physiology Teaching programme is strengthened.



TRAINING PURPOSE

The laboratory practicals teaching programme in physiology is improved.



OUTPUTS (RESULTS OF THE TRAINING)

1.

Teaching materials for Physiology laboratory practicals are developed.

2.

Effective laboratory practicals programme is designed and implemented.

3.

Knowledge and skills for use, care, and maintenance of medical lab equipment

4.

Methods of laboratory safety and first aid are mastered.

5.

6.

Additional Information : Topics suggested for physiology practicals include Red Blood Cell Count; Red Cell Indices, White Cell Count, Differential Count, ESR; Blood Groups, Osmotic Fragility, Haematocrit; Plasma Proteins; Specific Gravity, Clotting Time; Bleeding Time; Factors Affecting Clotting, Measurement of Blood Pressure; Blood Flow, Clinical Examination of the Cardiovascular System, Arterial and Venous Pulses, Electrocardiography, Cardiopulmonary Resuscitation, Clinical Examination of the Respiratory System, Respiratory Movements; Oxygen Lack; Carbon Dioxide Excess, Collection and Analysis of Expired Air, Oxygen Consumption; BMR, Tests of Respiratory Function : Peak Flow Rate; Lung Volume Capacities, Diuresis; Urine Specific Gravity, Physical Fitness; Physiology of Exercise, Body Temperature; Thermal Comfort, Clinical Examination of the Cranial Nerves, Vision, Hearing.

Programme Number : SL: 23-2-2001 BIOCHEM.

Division : Biochemistry

Training Title : Biochemistry curriculum Development

Training purpose :

After the training, the trainees are able to : Develop a curriculum and a practical teaching programme in Biochemistry.

Candidate Venue : Peradeniya

Duration (plan) : 12 months

Trainees : Three academic and one technical staff in the division of Biochemistry

Trainer : Biochemist with experience in teaching dental students

Training Materials :

Equipment input(s) to FDS/UP

Narrative Summary of the Programme

GOAL

Advanced methods of teaching and practical preparation. for dental students.



TRAINING PURPOSE

The Biochemistry trainees will gain additional knowledge about teaching methods and practical preparations for dental students.



OUTPUTS (RESULTS OF THE TRAINING)

1.

Use, care and maintenance of laboratory equipment and instruments are learned

2.

Laboratory safety and first aid methods are learned.

3.

Biochemistry curriculum is updated

4.

An effective laboratory practicals programme is designed and implemented.

5.

6.

Additional Information:

Programme Number: SL: 24-2-2001 REST.

Division: Department of Restorative Dentistry.

Training Title: Advanced training in Endodontics, Crown and Bridge work, Operative Dentistry & Materials Science.

Training purpose :

After Training the trainees are able to:
Practice all advanced restorative dentistry procedures for service, teaching and research

Candidate Venue: << Peradeniya >>

Duration (plan).....wks.....6.....month(s)

Trainee(s): Academic staff of the department of Restorative dentistry & Technical staff

Trainer: Expert in endodontics, crown and bridge, operative dentistry and dental materials

Training Material(s): Endodontic, crown & bridge materials, slides, models, training aids.

Equipment Input(s) to FDS/UP: Ancillary endodontic equipment, research tools

Magnification loops, Ultrasonic bath & Small refrigerator to store composite restorative materials.

Narrative Summary of the Programme:

GOAL

Attain international standards in patient care and teaching of restorative dentistry.



TRAINING PURPOSE

Upgrade the knowledge, curriculum, teaching and management skills of staff of Dept. of Restorative Dentistry to a higher level



OUTPUTS (RESULTS OF THE TRAINING)

1.

Advanced Endodontics skills are obtained.

2.

Advanced level of skills of crown and bridge are obtained.

3.

Research in dental materials started

4.

Improved level of patient care and teaching is achieved.

5.

Research programmes are strengthened

Additional Information:

A research oriented expert will be necessary at this stage

Programme Number: SL: 25-2-2001 PROS.

Division: Dept. of Prosthetic Dentistry

Training Title: Advanced Training in Prosthetic Dentistry

Training Purpose:

After Training the trainee is able to:

Investigate, plan the treatment, design and construct advanced prostheses

Candidate Venue: << Peradeniya >>

Duration (plan):wks.....6 month(s)

Trainee(s): Senior Academic Staff Member\ Technician

Trainer : Expert in advance prosthetics

Training Materials(s): Cobalt chromium, Silicone material, osseo-integrated implants

Equipment Input(s) to FDS/UP

Narrative Summary of the Programme

GOAL

Designing and construction of advanced prostheses including overdentures/ obturations.



TRAINING PURPOSE

The trainee should be able to manage patients who need metal dentures, construct maxillo facial prostheses and implant dentures, overdentures with the use of precision attachments



OUTPUTS (RESULTS OF THE TRAINING)

1.

Skills needed for investigation and assessment of patients with maxillofacial defects are acquired.

2.

Skills required to design construct and delivery of metal dentures, overdentures, use of precision attachments are acquired

3.

Skills required for designing and construction of maxillofacial prostheses are acquired (including .

4.

Skills required to manage patients for implants are acquired.

5.

Additional Information:

Programme Number: SL: 26-2-2001 O.SURG.

Division : Dept. of Oral Surgery

Training Title: Secondary Surgical Procedures in Cleft Lip and Palate patients

Training Purpose:

After Training the trainees are able to:

Diagnose, plan treatment and manage surgically secondary deformities of cleft lip & palate patients

Candidate Venue:<< Peradeniya>>

Duration (plan):wks.....6 month(s)

Trainees: Academic Staff of the Dept. of Oral Surgery and other interested surgeons
(ORALENT, PLASTIC)

Trainer: Japanese expert skilled in Secondary Surgical Procedures in Cleft Lip and Palate patients

Training Materials(s): (see annexure)

Equipment Input(s) to FDS UP (see annexure)

Narrative Summary of the Programme

GOAL

Improve the appearance and function of cleft lip and palate patients



TRAINING PURPOSE

Oral surgeons perform secondary surgical procedures in cleft lip and palate patients



OUTPUTS (EXPECTATIONS OF THE TRAINING)

1.

Diagnose secondary defects in lip and nose in repaired cleft lip

2.

Diagnose secondary defects in the soft and hard palate and alveolus in repaired cleft palate

3.

Perform secondary surgical correction of cleft lip and nose
eg, lip revision, vermilion assymetry, flattened nostrill, short colummella

4.

Perform secondary surgical correction of cleft palate
eg, oro-nasal fistula, alveolar bone grafts pharyngoplasty

5.

Additional Information: (please see annexure)

Annexure

ADDITIONAL INFORMATION:

Programme Number: SL: 26-2-2001 O.SURG.

Division : Dept. of Oral Surgery

Training Title: Secondary Surgical Procedures in Cleft Lip and Palate patients

TRAINING MATERIALS(S):

Textbooks on the secondary procedures of cleft lip and palate patients

EQUIPMENT INPUT(S) TO FDS/UP

QTY	ITEM	CATALOGUE NUMBER
4	Standard Plastic Surgery Instrument set with case	JMC 9-02806
4	Standard Plastic Surgery Instrument set with case	JMC 9-02807
2	Bone Trepine to harvest bone grafts	

Programme Number: SL: 27-2-2001 GEN.PATH.

Division: General Pathology

Training Title: Basic Molecular Biology Diagnostic Techniques.

Training Purpose:

After Training the trainees are able to:

Run a molecular biology laboratory for advanced diagnosis

Candidate Venue: <<Peradeniya >>

Duration (plan):wks.....6.....month(s).

Trainee(s): Academic staff and Technical staff of Oral and General pathology

Training Materials(s):

Equipment Input(s) to FDS UP: As per General Pathology programme J: 20--3-2002

G.PATH

Narrative Summary of the Programme

GOAL

To establish a molecular biology laboratory for advanced diagnosis.



TRAINING PURPOSE

Laboratory work using molecular biology techniques is improved.



OUTPUTS (RESULTS OF THE TRAINING)

1.

2.

3.

Laboratory equipment installed and be made functional.

Academic and technical staff will be trained to handle the equipment together with the day to day maintenance.

Consumables and other chemicals used in the molecular biology laboratory would be in place.

4.

5.

6.

Practical skills of the academic staff and technical staff on molecular biology techniques will be improved.

Additional Information:

Programme number: SL: 28-3-2002 O.MED

Division: Oral Medicine

Training Title: Management of oral mucosal disease

Training Purpose :

After the training the trainees are able to manage ulcerative and premalignant oral mucosal disease with modern investigative and treatment methods

Candidate Venue: Peradeniya

Duration : One year

Trainees: Clinicians of the Division of Oral Medicine

Trainer : Expert in Oral Mucosal disease

Training Materials: Chemoprophylactic agents e.g: retinoids and tocopherol

Equipment Inputs to FDS/UP: Laser unit suitable for oral mucosa

Narrative Summary of the Programme

GOAL

Improve management of oral mucosal diseases in patients attending the new dental hospital



TRAINING PURPOSE

The trainees are able to manage ulcerative and premalignant oral mucosal diseases with modern investigative and treatment methods.



OUTPUTS (RESULTS OF THE TRAINING)

1.

Knowledge of recent trends in management of oral mucosal diseases particularly ulcerative and premalignant diseases is gained.

2.

Knowledge of modern concepts of carcinogenesis at molecular biology level and theoretical and practical skills of chemoprophylactic methods for the treatment of premalignant lesions are gained.

3.

Skills necessary to perform punch biopsy and haematology and clinical chemistry investigations will be acquired.

4.

Principles of application and clinical skills needed for use of laser in the treatment of oral mucosal diseases are learnt.

5.

Community-based collaborative research on efficacy of chemoprophylactic agents in the eradication of potentially malignant oral lesions established.

Additional Information

It would be advantageous if the trainer is experienced in clinical features of systemic and dermatologic diseases relevant to oral mucosal disease.

Annexure

Additional Information

Programme number: SL: 28-3-2002 O.MED

Division: Oral Medicine

Training Title: Management of oral mucosal disease

Equipment Inputs to FDS/UP:

Laser unit suitable for oral mucosa

Programme number: SL: 29-3-2002 REST.

Division: Restorative Dentistry

Training Title: Dental Materials

Training Purpose :

Trainees are able to reform the curriculum, improve teaching and do research

Candidate Venue: Peradeniya

Duration : 12 months

Trainees: Clinicians of the Department of Restorative Dentistry

Trainer : Dental Materials expert

Training Materials:

Equipment Inputs to FDS/UP:

Teaching aids teaching equipment of dental materials science

Narrative Summary of the Programme

GOAL

Attain international standards in teaching and research of dental materials science



TRAINING PURPOSE

Upgrade the knowledge, curriculum, teaching and research of dental materials



OUTPUTS (RESULTS OF THE TRAINING)

1.

Basic knowledge of dental materials science is obtained

2.

Curriculum reforms are introduced

3.

Teaching skills are improved

4.

Research programmes are started

5.

Additional Information

Teaching aids, equipment and research tools will have to be provided

Programme Number: SL: 30-3-2002 ANAT., D.ANAT.

Division: Anatomy

Training Title: Improvement of teaching & Research in Anatomy and Dental Anatomy

Training Purpose:

After Training the trainee(s) is (are) able to:

Optimise the use of facilities in Anatomy and Dental Anatomy to improve teaching and research

Candidate Venue: <<Peradeniya >>

Duration (plan):wks.....6.....month(s)

Trainee(s): Academic (8) & Technical (4) staff in Anatomy & Dental Anatomy

Training Materials(s):

Equipment Input(s) to FDS/UP

Narrative Summary of the Programme

GOAL

Teaching & Research in Anatomy & Dental Anatomy are improved



TRAINING PURPOSE

The use of facilities in Anatomy & Dental Anatomy is optimised for teaching & research



OUTPUTS (RESULTS OF THE TRAINING)

1.

Management of facilities in Anatomy & Dental Anatomy is improved

2.

Teaching in Anatomy & Dental Anatomy is improved

3.

Research in Anatomy & Dental Anatomy is improved

4.

5.

6.

Programme Number: SL:31-3-2002 PAEDO.

Division: Paedodontics

Training Title: Management of children with developmental anomalies of teeth.

Training Purpose:

After Training the trainees are able to:

Improve management skills, patient service function and research capabilities in the area of development anomalies of teeth in children

Candidate Venue: <<Peradeniya>>

Duration (plan):wks.....6.....month(s)

Trainee(s): All lecturers in division of Paedodontics

Training Materials(s): Teaching slides and texts.

Equipment Input(s) to FDS/UP : Lap top computer and printer.

Narrative Summary of the Programme

GOAL

Improve quality of teaching and patients care in children with developmental anomalies of teeth.



TRAINING PURPOSE

Strengthen the skills in the management of children with developmental anomalies in teeth.



OUTPUTS (RESULTS OF THE TRAINING)

1.

Theoretical knowledge of developmental anomalies of teeth is strengthened.

2.

Concepts and principles in managing developmental anomalies of teeth is obtained.

3.

Actual management of patients effectified with developmental anomalies of teeth is carried out.

4.

Research capabilities in the area of developmental anomalies of teeth is strengthened.

5.

6.

Additional Information:

Programme Number: SL: 32-3-2002 COMM. DENT.

Division: Community Dentistry

Training Title: Epidemiology

Training Purpose:

After Training the trainee(s) is (are) able to:

Plan and execute epidemiological surveys in Sri Lanka and thereby find answers to current oral public health problems

Candidate Venue: <<Peradeniya : >>

Duration (plan):wks.....6.....month(s)

Trainee(s): Staff of the Division of Community Dentistry

Training Materials(s): To be determined by trainer who will be dispatched from Japan to Peradeniya

Equipment Input(s) to FDS/UP : List as annexed for programmes CD 01 and CD 02

Narrative Summary of the Programme

GOAL

To strengthen the teaching and research capability of relevant staff in epidemiological field research



TRAINING PURPOSE

To enable trainees to plan and implement relevant epidemiological studies in Sri Lanka in collaboration with an appropriate Japanese expert



OUTPUTS (RESULTS OF THE TRAINING)

1.

Capability of designing and implementing field studies will be strengthened.

2.

Answers will be found for some important research questions of direct relevance to Community oral health in Sri Lanka.

3.

International collaboration (ie. Japan + Sri Lanka) in carrying out relevant dental public health studies will be facilitated

Additional Information:

It is expected that the trainer will be an experienced Japanese epidemiologist: Some studies connected with this programme may involve inter departmental research collaboration within the Faculty.

Programme Number: SL: 33-3-2002 DEANS OFF.

Division: Dean's Office

Training Title: Dental Nursing/Hygienist Service

Training Purpose:

After Training the trainees are able to:

Manage clinical utility areas efficiently

Candidate Venue: <<Peradeniya >>

Duration (plan):wks.....6.....month(s)

Trainee(s):

Training Materials(s):

Equipment Input(s) to FDS:UP

Narrative Summary of the Programme

GOAL

To sustain optimum standard of functions related to dental nursing and hygienist services in the New Dental Faculty/Hospital Complex.



TRAINING PURPOSE

To train dental surgery assistants and hygienists in efficient management of clinical utility areas.



OUTPUTS (RESULTS OF THE TRAINING)

1.

The principles of maintenance of dental chairs/units are understood.

2.

Skills of routine maintenance, and servicing of dental equipment and instrument are acquired.

3.

Sterilization procedures are practiced.

4.

Skills of four handed dentistry are acquired.

5.

Training in maintenance of patients records and appointment schedules is obtained.

6.

Skills involved in Dental Hygienist practiced is acquired

Additional Information: