



Chettinad
Dental College & Research Institute

VALUE ADDED COURSES –VAC 01

TOPIC –ENGLISH LANGUAGE DEVELOPMENT

ORGANIZING DEPARTMENT- DEPARTMENT OF ORAL PATHOLOGY

DATE-14.7.14-16.7.14

DURATION-24 hrs

COURSE FEATURES –

- English language development (ELD) means instruction designed specifically for English language learners to develop their listening, speaking, reading, and writing skills in English.
- Standards serve as a resource for planning and implementing language instruction and assessment for multilingual learners as they learn academic content. Educators can use the standards to:
- Promote and guide students' English language development
- Aid in the development of curriculum, instruction and assessment
- Encourage and maximize the use of multiple language resources in the classroom
- Support and frame the collaboration among educators of multilingual learners and instructional teams who serve them to ensure educational equity for all students

OUTCOME-

- By Speaking English gives Access to a World of Entertainment
- English is the Language of Business
- English is the language of science, of aviation, computers, diplomacy, and tourism. Knowing English increases your chances of getting a good job in a multinational company within your home country or for finding work abroad.
- It's also the language of international communication, the media and the internet, so learning English is important for socialising and entertainment as well as work.


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VALUE ADDED COURSE-VAC 02

TOPIC- COMPREHENSIVE PROSTHODONTIC REHABILITATION

ORGANIZING DEPARTMENT-DEPARTMENT OF PROSTHODONTICS

DATE – 10.9.14 – 12.9.14

DURATION – 24 hrs

CONTENT: Introduction – History charting– Diagnosis of prosthetic and esthetic anomalies – impressions and provisionalization– shade selection – cementation– follow up .

OUTCOME:

- Diagnosis and Treatment planning in different clinical situations
- Material selection as per clinical requirements
- The art of crown selection.
- Making appropriate impressions and provisional crowns – different materials and techniques
- Shade selection to fulfill esthetic demands
- Bonding and luting
- Occlusal adjustments
- Post – operative follow up


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VALUE ADDED COURSE: VAC 03

TOPIC -APPLIED BIostatISTICS AND RESEARCH METHODOLOGY

ORGANIZING DEPARTMENT-DEPARTMENT OF PUBLIC HEALTH DENTISTRY

DATE- 20/11/14-22/11/14

DURATIO – 24 hrs

Course Content:

Basic Statistical Concepts

Introduction to basic statistical concepts, such as descriptive statistics, hypothesis testing, how to enter data in to statistical software and how to use easy R interface.

Basic Epidemiological Concepts

Introduction to basic epidemiological concepts, such as study designs as well as the difference between observational studies and randomized clinical trials.

Selecting Proper Statistical Tests

Students will learn how to select a proper statistical test, given scenarios defined by various data types.

Student T-Test, Man-Whitney U Test, Paired T-test, Wilcoxon Signed Rank Test

Students will learn how to compare means or medians between two groups.

Risk, Rate and Chi-Square Tests

Students will learn how to analyze binary outcome data.

Sample Size and Power Analysis

Introduction to basic concepts in computing sample sizes and estimation power for clinical studies.

Course outcome:

At the end of the course student will be able to perform the following:

- Important topics in medical statistical concepts and reasoning
- Epidemiological Study Designs
- Data analysis using R Commander


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VALUE ADDED COURSES VAC 04

TOPIC –DISASTER MANAGEMENT

ORGANIZING DEPARTMENT-DEPARTMENT OF ORAL SURGERY

DATE-12/3/15 – 14/3/15

DURATION – 24 hrs

COURSE FEATURES –

- Natural disasters and terrorist activities have been leading to mass casualty situations unexpectedly around the globe. In addition to the traditional emergency medical services centering around medically trained and paramedic personnel, dental practitioners having vital skills and attributes may be important in responding to a mass casualty situation.

The initial training obtained by the dental professionals during their graduate degree makes them important in terms of catastrophic events in the following ways

- Well trained in sterilization techniques and infection control methods
- Trained in drug delivery methods including injection
- Expert in suturing techniques and bleeding controlling methods
- Proficient in participating in interdisciplinary professional groups, and
- Trained in handling uncomfortable patients

OUTCOME-

- Dentists are subjected to medical and surgical training during their pre-doctoral education that makes them useful in disaster management situations. They are also trained for handling medical emergencies in dental clinics and hospitals such as performing minor surgery, dispensing of drugs, giving injections and administration of anaesthesia
- OMFS apart from treating dentoalveolar injuries and facial fractures are also efficient in handling trauma patients and can provide first aid, including endotracheal intubation and cardiopulmonary resuscitation
- Surveillance is important in conditions when there is increased influx of patients with symptoms of paralysis or neurology, or infection, which is non-traumatic
- Thus, dentists can be a part of effective surveillance network by getting updated on the information on unusual syndromes in the community as well as unusual clinical presentations


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VALUE ADDED COURSES VAC 05

TOPIC – PHARMACOVIGILANCE

ORGANIZING DEPARTMENT-DEPARTMENT OF PHARMACOLOGY

DATE-14/4/15 – 16/4/15

DURATION – 24 hrs

COURSE FEATURES:

- Pharmacovigilance deals with the assessment and prevention of adverse effects of drug and health products.
- The objective of the course is to enhance patient care and safety in relation to use of medicines.
- To promote safe and effective use of drug.
- To promote understanding, clinical training and effective communication to health professional and the public.
- To contribute to the assessment of benefits, harms and effectiveness and risk of medicine.

COURSE OUTCOME:

- Humanitarian concern
- Promoting rationale use of drug and adherence.
- ADR may cause sudden death.
- Ethics – To know of something that is harmful to another person who does not know, not telling is unethical.


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VALUE ADDED COURSES VAC 06

TOPIC – HEALTH AND YOGA

ORGANIZING DEPARTMENT-DEPARTMENT OF PHYSIOLOGY

DATE-18/6/15 – 20/6/15

DURATION – 24 hrs

COURSE FEATURES:

- Yoga is a holistic science that helps to combine mind, body and soul together.
- Asanas helps to enhance muscle strength, coordination, flexibility, agility and range of motion.
- Yoga practices improves all dimensions of personality including physical dimension, emotional dimensions intellectual dimension and social dimension.
- Course describes the importance of yoga and its scope thereby helps to develop healthy habit and lifestyle.
- Describing the various forms of yoga and common yogic practices
- Clarify the misconceptions about yoga
- Providing various guidelines for practicing yoga.

COURSE OUTCOME:

- To provide mental clarity and greater self- understanding.
- Helps to develop practicing mental hygiene.
- Helps students become emotionally stable
- Various methods to increase concentration and mental alertness were discussed


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VALUE ADDED COURSES VAC 07

TOPIC – BASIC LIFE SUPPORT

ORGANIZING DEPARTMENT- DEPARTMENT OF ORAL & MAXILLOFACIAL SURGERY

DATE- 19.8.15 - 21.8.15

DURATION -24 hrs

COURSE FEATURES:

- **Basic life support (BLS)** is a level of medical care which is used for victims of life-threatening illnesses or injuries until they can be given full medical care at a hospital.
- It is provided by trained medical personnel, including certified first responders, emergency medical technicians, and by qualified bystanders.
- The **BLS-provider course** covers scene safety, patient assessment, activation of the emergency-response system, chest compression, airway and breathing and the use of the AED to resuscitate an adult, child or infant who is not responding, not breathing and has no detectable pulse

COURSE OUTCOME:

- To identify and diagnose unconscious patients.
- Knowledge to deliver Basic life support
- Enhancing the skill to resuscitate by delivering basic life support
- Enhancing the skills by hands on training on mannequins.
- Improving the confidence in the practitioner by repeated practices.


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VALUE ADDED COURSES VAC 08

TOPIC -MINIMALLY INVASIVE DENTISTRY

**ORGANIZING DEPARTMENT –DEPARTMENT OF CONSERVATIVE AND
ENDODONTICS**

DATE –14.10.15-16.10.15

DURATION – 24 hrs

Course Contents:

• Introduction • History • Principles • The Minimal intervention approach • Caries removal & restoration • Recent advances in caries removal techniques • Cavity designs for Minimal intervention • Restorative materials used in MID • Dental Public Health Significance • Conclusion •

Course outcome:

- The goal of minimally invasive dentistry is to conserve healthy tooth structure.
- The importance of early detection to facilitate minimal intervention.
- To focus on prevention, remineralization and minimal dentist intervention
- Usage of long lasting dental material that conserve the maximum tooth structure which reduces the need for repairs in the future.



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VALUE ADDED COURSES VAC 09

TOPIC- IMPLANT DENTISTRY – A NEW BEGINNING

ORGANIZING DEPARTMENT – DEPARTMENT OF PROSTHODONTICS

DATE –15/12/15 – 17/12/15


DURATION – 24 hrs

COURSE CONTENT :

Introduction – History charting– Diagnosis of prosthetic and esthetic anomalies – impressions and provisionalization– shade selection –cementation– follow up .

COURSE OUTCOME:

- Didactic session with practicing implantologists
- 3D imaging and interpretation
- Basic and advanced treatment planning
- Prosthodontic rehabilitation
- Provisionalization of dental implants
- Learn how to perform surgical and prosthetic procedures in straightforward cases, and achieve predictable esthetic and functional outcomes.
- Discussion on common complications and management


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VALUE ADDED COURSES VAC 10

TOPIC- EVIDENCE BASED DENTISTRY

ORGANIZING DEPARTMENT – DEPARTMENT OF PUBLIC HEALTH DENTISTRY

DATE-15/2/16 -17/2/16

DURATION- 24 hrs

COURSE CONTENT :

Introduction -Question formulation- Levels of Evidence-Sources of Evidence- Pros & Cons of key evidence resources- How good is the evidence- Closing discussions and questions

COURSE OUTCOME :

- Asking answerable questions
- Searching for the best evidence
- Critically appraising the evidence
- Applying the evidence
- Evaluating the outcome


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VALUE ADDED COURSES VAC 11

TOPIC – DIET THERAPY AND HYGIENE

**ORGANIZING DEPARTMENT-DEPARTMENT OF BIOCHEMISTRY AND GENERAL
MEDICINE**

DATE-16/3/16 – 18/3/16


DURATION – 24 hrs

COURSE CONTENT

- Diet therapy is the branch of dietetics concerned with the use of foods for therapeutic purpose. It is method of eating prescribed by a physician to improve health. Diet therapy usually involves the modification of an existing dietary lifestyle to promote optimum health. Therapeutic diets are modified for nutrients, texture and food allergies or food intolerances.
- Common therapeutic diets - Clear liquid diet, Full liquid diet, high fiber diet, renal diet, pureed diet, food allergy modification etc.
- The general principles of diet therapy - adequacy – meaning eating enough of each type of food, balance – not too much of any type of food, calorie amount of the food ate.

COURSE OUTCOME

- Emphasized the importance of healthy and balanced diet.
- Diet therapy balances amount of carbohydrate, fat and protein for control of diabetes.
- Help distinguish nutritious food from less nutritious food, being mindful about the portion size by using tools in diet planning.


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VALUE ADDED COURSES VAC 12

TOPIC – GENOMIC MEDICINE

**ORGANIZING DEPARTMENT-DEPARTMENT- FACULTY OF ALLIED
HEALTH SCIENCE**

DATE-15/12/15 – 17/12/15

DURATION – 24 hrs

COURSE CONTENT

- Genomic medicine is an emerging medical discipline that involves using of genomic information of patients for their clinical care.
- Genomic medicine has the potential to make genetic diagnosis of disease more effective process by reducing genetic testing to single analysis.
- Genomic medicine provides information about interaction of genes with the health.
- Highlighted the importance of genetic information in diagnosis, managing treatments, and spotting symptoms of hereditary diseases.

COURSE OUTCOME

- Helps the clinician to offer more personalized diagnosis and treatment planning using genomic medicine.
- Importance of genetic tests and genetic counselling were given
- The various aspects of genomic medicine FISH, Gene Expression profiling, Next generation sequencing


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VALUE ADDED COURSE: VAC 13

TOPIC -APPLIED BIostatISTICS AND RESEARCH METHODOLOGY

ORGANIZING DEPARTMENT – DEPARTMENT OF PUBLIC HEALTH DENTISTRY

DATE – 13/7/16 – 15/7/16

DURATION - 24HRS

Course Content:

Basic Statistical Concepts

Introduction to basic statistical concepts, such as descriptive statistics, hypothesis testing, how to enter data in to statistical software and how to use easy R interface.

Basic Epidemiological Concepts

Introduction to basic epidemiological concepts, such as study designs as well as the difference between observational studies and randomized clinical trials.

Selecting Proper Statistical Tests

Students will learn how to select a proper statistical test, given scenarios defined by various data types.

Student T-Test, Man-Whitney U Test, Paired T-test, Wilcoxon Signed Rank Test

Students will learn how to compare means or medians between two groups.

Risk, Rate and Chi-Square Tests

Students will learn how to analyze binary outcome data.

Sample Size and Power Analysis

Introduction to basic concepts in computing sample sizes and estimation power for clinical studies.

Course outcome:

At the end of the course student will be able to perform the following:

- Important topics in medical statistical concepts and reasoning
- Epidemiological Study Designs
- Data analysis using R Commander


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VALUE ADDED COURSES VAC 14

TOPIC – CLINICAL CYTOGENETICS

**ORGANIZING DEPARTMENT-DEPARTMENT- FACULTY OF ALLIED HEALTH
SCIENCE AND PATHOLOGY**

DATE-24/08/16 – 26/08/16

DURATION – 24 hrs

COURSE CONTENT

- It is a branch that is concerned with how the chromosomes relate to cell behavior.
- First approach in genetic testing
- Remains as a key component for genetic analysis of congenital anomalies
- It has been recommended the first-tier testing method for patients with developmental delay.

COURSE OUTCOME

- It serves a tool to protect the genetic alteration and congenital anomalies
- Can provide important information for genetic counselling
- Cytogenetic analysis of tumors can be helpful in diagnosis and monitoring the effects of treatment.
- Provides a sound understanding of human genetics and genomics
- A general knowledge in the following area like human genetics, disease gene identification, common genetic disorders are enlightened.


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VALUE ADDED COURSE: VAC 15

TOPIC – COMMUNICATION SKILLS

ORGANIZING DEPARTMENT – DEPARTMENT OF ORAL PATHOLOGY

DATE – 8/9/16 – 10/9/16

DURATION 24HRS

Course Features:

Mechanism of stress, ways to improve self confidence, methods to connect with motivations and ways to unlock full potential.

Course Outcome:

- Understand the mechanism of stress: Discover what part of our brain is responsible for triggering stress and how to switch from one part to another to eliminate it. You will also see how to deal with others who are under stress.
- Improve Self – confidence : Learn how we position ourselves towards others. Identify where you stand. Learn how to recognize manipulative behavior and how to deal with it.
- Connect with your motivations: Learn the distinction between lasting and temporary motivations. Find out an easy way to figure out what truly motivates you, then use that knowledge to your advantage to improve your work and life.
- Manage your obsessions: Learn how to recognize obsessive behavior , the mechanism behind it and how to keep it under control.
- Unlock your full potential: You will be given the keys to the part of your brain that is responsible for self – control. adaption, willpower, focus but also creativity and spirituality. Learn how to switch in just a couple of minutes and become the best version of yourself.


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VALUE ADDED COURSES VAC 16

TOPIC - SEDATION IN PEDIATRIC DENTISTRY

ORGANIZING DEPARTMENT – DEPARTMENT OF PEDODONTICS

DATE –9/3/17 -11/3/17

DURATION – 24 hrs

Course Contents:

• Introduction - Case selection –Medical History – ASA Physical status – fasting guidelines- consent- pre-operative and post- operative instructions- routes of administration – monitoring- adverse events management – discharge.

Course outcome:

- The goal is to provide quality dental treatment in both cooperative and uncooperative children.
- Appropriate patient evaluation and selection contributes to sedation success in children.
- Management of child's pain and anxiety early in their treatment.
- Evaluation and preparation of child for sedation
- Importance of obtaining proper consent and documentation of the patient details
- Management of complications during procedure


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VALUE ADDED COURSES VAC 17

TOPIC – ENT CARE

ORGANIZING DEPARTMENT- DEPARTMENT OF ENT

DATE- 27.4.17-29.4.17

DURATION – 24 hrs

COURSE FEATURES –

- Hearing and balance, swallowing and speech, breathing and sleep issues, allergies and sinuses, head and neck cancer, skin disorders.
- Commonest ENT manifestations
 1. Runny Nose.
 2. Sore Throat.
 3. Coughing/Sneezing.
 4. Ear Pain.
 5. Hearing Loss.
 6. Snoring.
 7. Obstructive Sleep Apnea.
 8. Airway Issues/Difficulty Breathing/Mouth Breathing.

COURSE OUTCOME –

- To examine medical and surgical disorders of the ear, nose and throat.
- May also assist eye surgeons, neurosurgeons and general surgeons in complex cases.
- To check progress of the patients.
- To understand the surgeries on voice box & face and find treatment for any hearing problem.


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VALUE ADDED COURSES VAC 18

TOPIC – SANITATION, ANTIBIOTICS AND VACCINES

ORGANIZING DEPARTMENT-DEPARTMENT OF MICROBIOLOGY

DATE-29/06/17 – 31/06/17

DURATION – 24 hrs

COURSE CONTENT

- Adequate sanitation along with good hygiene and safe water are fundamental to good health and to the social and economic development.
- The role of health sector to improve sanitation by development of policy and implementation of sanitation programmes plays a vital role.
- The inappropriate use of antibiotics accelerates the antimicrobial resistance (AMR)
- Vaccines can help reduce antimicrobial resistance by preventing resistant infection and reducing the antibiotic use.

COURSE OUTCOME

- Importance of sanitation and various methods to improve sanitation like proper methods of disposal of waste.
- Improved sanitation has significant impacts not only on health but on social and economic development of the country.
- Able to correlate lack of sanitation and global diseases mainly diarrheal diseases.
- Making better vaccines and developing new vaccines helps to tackle antibiotic resistance and reduce preventable illness and deaths.


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VALUE ADDED COURSES VAC 19

TOPIC - EVIDENCE BASED DENTISTRY

ORGANIZING DEPARTMENT – DEPARTMENT OF ORTHODONTICS

DATE – 27/7/17 – 29/7/17

DURATION – 24 hrs

COURSE CONTENT : Introduction -Question formulation- Levels of Evidence-Sources of Evidence- Pros & Cons of key evidence resources- How good is the evidence- Closing discussions and questions

COURSE OUTCOME :

- Asking answerable questions
- Searching for the best evidence
- Critically appraising the evidence
- Applying the evidence
- Evaluating the outcome

REPORT

The Department of Orthodontics organized a Continuing Dental Education programme on EVIDENCE BASED DENTISTRY on 7th & 8th August 2017 at mini auditorium, Chettinad Dental College and Research Institute. The lecture was attended by 81 candidates.

Dr.Venkateshwaran M.D.S., D.N.B Head of the Department gave the lecture on the need for updating dental practice with evidence based dentistry. The lecture proved to be very beneficial for final years and Interns.



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VALUE ADDED COURSES VAC 20

TOPIC –MANAGING PATIENTS IN PEDODONTICS

ORGANIZING DEPARTMENT- DEPARTMENT OF PEDODONTICS

DATE – 24.8.17 – 26.8.17


DURATION – 24 hrs

COURSE FEATURES :

- Behavior management of the pediatric patient is an essential part of pediatric dental practice. A significant percentage of children do not co-operate in the dental chair, hence causing an obstacle to liberation of quality dental care
- For a child who is not capable of co-operate, the dentist has to rely on other behavior management techniques as substitute or addition to communicative management
- Development and a variety of outlook toward dental treatment, it is very important that dentists have at their clearance a wide variety of behavior management techniques and communication techniques to meet the needs of the every child
- The greatest challenge faced by a dentist while treating a pediatric patient is uncooperative behaviour due to anxiety or fear.
- A practitioner must consider not only the nature and severity of dental disease, but also the interactions between the child, his or her parents, and him or herself as the clinician.

COURSE OUTCOME:

- Behavior management is broadly agreed to be a key factor supplying dental care for children. Certainly, if a child's behavior in the dental surgery/office cannot be managed then it is not easy if not unworkable to hold out any dental care that is needed.
- It is essential that any approach to behavioral management for the dental child patient have to be rooted in compassion and a worry for the well-being of each child.
- A wide diversity of behavioral management techniques are existing to pediatric dentists who must be used as suitable for the profit of each child patient, and which, significantly, must take into account all cultural, legal and philosophical requirements in the country of dental practice of each dentist concern with dental care of children.


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VALUE ADDED COURSES VAC 21

TOPIC – CLINICAL PRACTICE AND MANAGEMENT IN DENTISTRY

ORGANIZING DEPARTMENT – DEPARTMENT OF ORTHODONTICS

DATE -12/10/17 -14/10/17

DURATION- 24hrs

COURSE CONTENTS:

Introduction - Hiccups in dental practice – how to increase patient flow – importance of infection control- recent advances in clinical practices – public health awareness

COURSE OUTCOME:

- To understand the hurdles involved in clinical practice and to manage it effectively
- To adhere to infection control protocols
- Incorporate the habit of documentation of treatments
- Providing the best care to patients


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VALUE ADDED COURSES VAC 22

TOPIC - SCOPE OF DENTISTRY IN NORTH AMERICA

**ORGANIZING DEPARTMENT –DEPARTMENT OF CONSERVATIVE DENTISTRY
AND ENDODONTICS**

DATE -15/2/18- 17/2/18

DURATION -24 hrs

Course Contents:

Introduction – preparation for appearing the board examination (NBDE & NDEB) – Study material required- scope of specialization post DDS – Research opportunities.

Course outcome:

- Opportunities for overseas dentist
- Insight about the board examination required for DDS degree
- Research stream for both clinical and non-clinical students



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VALUE ADDED COURSES VAC 23

TOPIC - NANOTECHNOLOGY FOR DENTAL APPLICATIONS

ORGANIZING DEPARTMENT – DEPARTMENT OF ORAL PATHOLOGY

DATE-19/4/18 – 21/4/18

DURATION – 24 hrs

CONTENT : Introduction – impact of nanotechnology in dentistry – nanodentistry present and future - hydroxyapatite nanoparticles for dental application - titanium dioxide nanoparticles synthesis- chitosan nanoparticle synthesis – characterization of nanoparticles by UV – Vis spectroscopy, FTIR and DLS

OUTCOME

- Understanding nanotechnology from the basics
- Applications of nanotechnology in dentistry
- Methods of synthesis of various nanoparticles



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VALUE ADDED COURSE: VAC 24

TOPIC - APPLIED BIOSTATISTICS AND RESEARCH METHODOLOGY

ORGANIZING DEPARTMENT – DEPARTMENT OF PUBLIC HEALTH DENTISTRY

DATE –28/6/18 -30/6/18

DURATION – 24 hrs

Course Content:

Basic Statistical Concepts

Introduction to basic statistical concepts, such as descriptive statistics, hypothesis testing, how to enter data in to statistical software and how to use easy R interface.

Basic Epidemiological Concepts

Introduction to basic epidemiological concepts, such as study designs as well as the difference between observational studies and randomized clinical trials.

Selecting Proper Statistical Tests

Students will learn how to select a proper statistical test, given scenarios defined by various data types.

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Sample Size and Power Analysis

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Course outcome:

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VALUE ADDED COURSE VAC 25

TOPIC - BIOMEDICAL WASTE MANAGEMENT

ORGANIZING DEPARTMENT- DEPARTMENT OF PEDODONTICS

DATE- 18/7/18 – 20.7.18

DURATION – 24 hrs

Course Content:

- Biomedical Waste Storage & Handling – Intermediate and Final storage area
- Sharps Management
- Liquid Waste Management from the laboratories
- Linen Management
- Infection Control
- Biomedical Waste Treatment Technologies

Course Outcome:

- Gain in-depth knowledge on Biomedical Waste Management and Infection Control, Challenges in implementation and compliance and Strategies to overcome
- Grab an opportunity to meet and interact with Sector Experts / PCB officials
- Get a practical exposure through field visits to health care facility / biomedical treatment facility
- Get hands-on learning experience
- Obtain technical know-how on BMW management technologies


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VALUE ADDED COURSE: VAC 26

TOPIC – SELF MOTIVATION

ORGANIZING DEPARTMENT – DEPARTMENT OF ORAL PATHOLOGY

DATE –22/8/18 – 24/8/18

DURATION 24HRS

COURSE FEATURES:

- Motivation is one of the three areas of personal skills that are integral to the concept of emotional intelligence.
- Personal drive to achieve, the desire to improve or meet certain standards
- Commitment to personal or organization of goals
- Readiness to act on opportunities optimism the ability

Course Outcome:

Addition to self growth and helps to succeed in personal and professional life.



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VALUE ADDED COURSES VAC 27

TOPIC –ZOOM WEBINAR

ORGANIZING DEPARTMENT- IT DEPARTMENT

DATE – 13.9.18 – 15.9.18

DURATION – 24 hrs

COURSE FEATURES :

Basic Zoom Features

- Host webinars with up to 500 participants
- Record webinars so they can be viewed at a later time
- Screensharing for presenters allows presenters to display their desktops during a webinar
- Custom registration allows you to gather information about your attendees
- Zoom - a special feature which allow presenters to broadcast to up to 500 attendees
- **Audio Support:** the remote control software transfers audio signals across the network and plays the audio through the speakers attached to the local computer. For example, music playback software normally sends audio signals to the locally attached speakers, via some sound controller hardware
- **Co-Browsing:** the navigation of the Web by several people accessing the same web pages at the same time. When session leader clicks on a link, all other users are transferred to the new page.
- **File Transfer:** the software allows the user to transfer files between the local and remote computers, from within the client program's user interface.

COURSE OUTCOME:

- Web conferencing is made possible by Internet technologies, particularly on TCP/IP connections.
- Services may allow real-time point-to-point communications as well as multicast communications from one sender to many receivers. It offers data streams of text-based messages, voice and video chat to be shared simultaneously, across geographically dispersed locations. Applications for web conferencing include meetings, training events, lectures, or presentations from a web-connected computer to other web-connected computers.
- Gained extensive knowledge from this programme.

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VALUE ADDED COURSES VAC 28

TOPIC - LASERS IN PERIODONTICS

ORGANIZING DEPARTMENT – DEPARTMENT OF PERIODONTICS

DATE – 8/11/18 – 10/11/18

DURATION -24 hrs

COURSE CONTENT :

Introduction- basics & beyond – panel discussion – clinical application of Lasers in Periodontics
– panel discussion – role of Lasers in Implant dentistry – panel discussion – hands on .

COURSE OUTCOME

- At the end of this course, the participant will have a basic understanding of Laser Periodontal Therapy (LPT), and be able to contrast this with conventional periodontal surgery.
- The Doctor will become proficient in performing LPT during hands-on clinical procedures with human patients.


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VALUE ADDED COURSES VAC 29

TOPIC- CLINICAL SCENARIOS IN MAXILLOFACIAL – SURGICAL PRACTICES

ORGANIZING DEPARTMENT- DEPARTMENT OF ORAL SURGERY

DATE-21/2/19 – 23/2/19

DURATION – 24 hrs

Course Contents:

• Introduction – Basic life support - BLS in special circumstances- Emergency drugs in dental office – Management of cardiac patients in dental office- Intravenous and Intramuscular injection administration – Botox in facial esthetics – Direct and Indirect Sinus Lift

Course outcome:

- To be able to perform Basic Life Support during dental emergencies.
- Identifying the cause of dental emergencies and administration of the right drugs
- Management of medically compromised individuals.
- To be able to administer intravenous and intramuscular injections
- Insight on the latest trend in cosmetic dentistry – BOTOX
- Better understanding and skills improvement in Sinus Lift procedures.



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VALUE ADDED COURSES VAC 30

TOPIC - SOFT SKILLS DEVELOPMENT

ORGANIZING DEPARTMENT – DEPARTMENT OF ORAL MEDICINE

DATE – 18/4/19 – 20/4/19

DURATION – 24 hrs

COURSE CONTENT :

Introduction-how to greet the patient – importance of empathy – positive attitude – friendliness – social skills – paying attention to patient's concern – acknowledging the patient's fears and phobias – emphasis of inclusivity – follow up.

COURSE OUTCOME

- Improve interpersonal relationship between the dentists and patient which is one of the primary factors in determining patient satisfaction and thus lead to the importance of soft skills among dental practitioners.
- soft skills help in organizing, planning, managing, and tracking changes of growing dental practices.
- Positive attitude, strong work ethics, problem-solving skills, flexibility and adaptability, time management, good communication, self-confidence, and teamwork are the different types of soft skills that are considered as important tools for the success of many dental practices



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VALUE ADDED COURSES VAC 31

TOPIC - PAIN MANAGEMENT

ORGANIZING DEPARTMENT – DEPARTMENT OF ORAL MEDICINE

DATE – 20/6/19 – 22/6/19

DURATION – 24 hrs

COURSE CONTENT

- To list the course book and federal requirements for prescribing controlled substances.
- To define pain.
- To describe pain management assessment and treatment techniques.
- Guidelines for prescription.
- Guidelines to effectively manage acute pain.
- To define palliative medicine.
- To identify prevention, screening, and signs of addiction.
- To state responses to abuse and addiction.
- To define how pain management is used in End of life care

COURSE OUTCOME

The Pain management course will help the students to:

- Improve recognition of unrelieved acute and chronic pain in all patient groups
- Provide appropriate assessment of pain
- Manage pain effectively
- Ensure patient safety

Students on successfully completing the course meets the mandated course work/training in pain management, palliative care, and addiction for all prescribers who treat humans and prescribe controlled substances. Due to the rise in Opioid addiction, the safe use of opioids and management of dental pain is receiving new scrutiny by regulatory and dental boards. This course reviews the state and federal laws governing the prescribing of opioids, explains how to diagnosis and manage pain, and how to assess patients for possible opioid addiction. This course is suitable for all members of the dental team.


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