**KENYA MEDICAL TRAINING COLLEGE**

**KMTC QUALITY MANAGEMENT SYSTEM**

**TEACHING AND LEARNING LESSON DESIGN PLAN**

**CAMPUS:** Voi **TARGET**: Clinical Medicine CLASS: March 2019 **DATE:** **TIME**: ………………….

**SUBJECT:** SURGERY IV **UNIT**:  **UROGENITAL SYSTEM CONDITIONS** **TOPIC:**  RENAL TUMORS

**UNIT OBJECTIVE:** By the end of this lesson the learner should be able to, **diagnose and manage disorders of urogenital system and injuries of the spines**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| INSTRUCTIONAL APPROACH | SPECIFIC  OBJECTIVES | TEACHING  METHOD | TEACHER’S  ACTIVITY | LEARNER’S  ACTIVITY | INSTRUCTIONAL  MEDIA | REFERRENCE | TIME | REMARKS |
| Schema  Activation | *Climate setting*  *Introduction to the unit and the subject*  *Background information*  *Topic introduction* | *Greetings*  *Brain storming*  *Introduction* | *Introduction to students*  *Lecturer asking questions* | *Introduction to lecturers*  *Answering and asking questions* | *White board*  *Marker pen*  *Projectors*  *Pen* | *Aaron A.R*  *Tobian M.D*  *Serwadda, Quinn.Kigozi, Atingà* | *5 min* | *Done* |
| Schema  Construction | *Introduction*  *Types and classifications of renal tumours* | *Lectures tutorials*  *Class room discussion* | *Lecturing*  *Asking questions*  *Giving answers* | *Taking notes and listening*  *Answering and asking questions* | *White board*  *Marker pen*  *Projectors*  *Pen*  *Lecture notes* | *Burkitt, H. G., Quick, C. R., & Reed, J. B. (2014). Essential Surgery - Problems, Diagnosis and Management. London: Churchill Livingstone, ELSEVIER.* | *1 hr 40 min* | *Done* |
| Schema  refinement | *Evaluation of*  *Students understanding*  *Provision of assignment* | *Lecture*  *Classroom discussion* | *Lecturing asking questions*  *Giving assignments* | *Answering questions*  *Asking questions* | *White board*  *Marker pen*  *Projectors*  *Pen*  *Lecture notes* | *Ebnezar, J. R. (2016). Textbook of Orthopedics. New Delhi: Ansari.* | *10 min* | *done* |

Subject lecturer:………………………………………………………………………………… Signature:…………………………………………… Date……………………..

Course coordination:…………………………………………………………………………. Signature:…………………………………………… Date……………………..

Head of department: ………………………………………………………………………… Signature:…………………………………………… Date…………………….

**KENYA MEDICAL TRAINING COLLEGE**

**KMTC QUALITY MANAGEMENT SYSTEM**

**TEACHING AND LEARNING LESSON DESIGN PLAN**

**CAMPUS:** Voi **TARGET**: Clinical Medicine CLASS: March 2019 **DATE:** **TIME**: ………………….

**SUBJECT:** SURGERY IV **UNIT**:  **UROGENITAL SYSTEM CONDITIONS** **TOPIC:** HERMATURIA

**UNIT OBJECTIVE:** By the end of this lesson the learner should be able to, **diagnose and manage disorders of urogenital system and injuries of the spines**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| INSTRUCTIONAL APPROACH | SPECIFIC  OBJECTIVES | TEACHING  METHOD | TEACHER’S  ACTIVITY | LEARNER’S  ACTIVITY | INSTRUCTIONAL  MEDIA | REFERRENCE | TIME | REMARKS |
| Schema  Activation | *Climate setting*  *Introduction to the unit and the subject*  *Background information*  *Topic introduction* | *Greetings*  *Brain storming*  *Introduction* | *Introduction to students*  *Lecturer asking questions* | *Introduction to lecturers*  *Answering and asking questions* | *White board*  *Marker pen*  *Projectors*  *Pen* | *Aaron A.R*  *Tobian M.D*  *Serwadda, Quinn.Kigozi, Atingà* | *5 min* | *Done* |
| Schema  Construction | *Definition*  *Causes/aetiology*  *Clinical features*  *Risk factors*  *Ddx, management* | *Lectures tutorials*  *Class room discussion* | *Lecturing*  *Asking questions*  *Giving answers* | *Taking notes and listening*  *Answering and asking questions* | *White board*  *Marker pen*  *Projectors*  *Pen*  *Lecture notes* | *Burkitt, H. G., Quick, C. R., & Reed, J. B. (2014). Essential Surgery - Problems, Diagnosis and Management. London: Churchill Livingstone, ELSEVIER.* | *1 hr 40 min* | *Done* |
| Schema  refinement | *Evaluation of*  *Students understanding*  *Provision of assignment* | *Lecture*  *Classroom discussion* | *Lecturing asking questions*  *Giving assignments* | *Answering questions*  *Asking questions* | *White board*  *Marker pen*  *Projectors*  *Pen*  *Lecture notes* | *Ebnezar, J. R. (2016). Textbook of Orthopedics. New Delhi: Ansari.* | *10 min* | *done* |

Subject lecturer:………………………………………………………………………………… Signature:…………………………………………… Date……………………..

Course coordination:…………………………………………………………………………. Signature:…………………………………………… Date……………………..

Head of department: ………………………………………………………………………… Signature:…………………………………………… Date…………………….

**KENYA MEDICAL TRAINING COLLEGE**

**KMTC QUALITY MANAGEMENT SYSTEM**

**TEACHING AND LEARNING LESSON DESIGN PLAN**

**CAMPUS:** Voi **TARGET**: Clinical Medicine CLASS: March 2019 **DATE:** **TIME**: ………………….

**SUBJECT:** SURGERY IV **UNIT**:  **UROGENITAL SYSTEM CONDITIONS** **TOPIC:**  PROSTATE GLANDS CONDITIONS

**UNIT OBJECTIVE:** By the end of this lesson the learner should be able to, **diagnose and manage disorders of urogenital system and injuries of the spines**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| INSTRUCTIONAL APPROACH | SPECIFIC  OBJECTIVES | TEACHING  METHOD | TEACHER’S  ACTIVITY | LEARNER’S  ACTIVITY | INSTRUCTIONAL  MEDIA | REFERRENCE | TIME | REMARKS |
| Schema  Activation | *Climate setting*  *Introduction to the unit and the subject*  *Background information*  *Topic introduction* | *Greetings*  *Brain storming*  *Introduction* | *Introduction to students*  *Lecturer asking questions* | *Introduction to lecturers*  *Answering and asking questions* | *White board*  *Marker pen*  *Projectors*  *Pen* | *Aaron A.R*  *Tobian M.D*  *Serwadda, Quinn.Kigozi, Atingà* | *5 min* | *Done* |
| Schema  Construction | *Definition*  *Types of prostate disease*  *Symptoms of prostate condition*  *Diagnosis and treatment* | *Lectures tutorials*  *Class room discussion* | *Lecturing*  *Asking questions*  *Giving answers* | *Taking notes and listening*  *Answering and asking questions* | *White board*  *Marker pen*  *Projectors*  *Pen*  *Lecture notes* | *Burkitt, H. G., Quick, C. R., & Reed, J. B. (2014). Essential Surgery - Problems, Diagnosis and Management. London: Churchill Livingstone, ELSEVIER.* | *1 hr 40 min* | *Done* |
| Schema  refinement | *Evaluation of*  *Students understanding*  *Provision of assignment* | *Lecture*  *Classroom discussion* | *Lecturing asking questions*  *Giving assignments* | *Answering questions*  *Asking questions* | *White board*  *Marker pen*  *Projectors*  *Pen*  *Lecture notes* | *Ebnezar, J. R. (2016). Textbook of Orthopedics. New Delhi: Ansari.* | *10 min* | *done* |

Subject lecturer:………………………………………………………………………………… Signature:…………………………………………… Date……………………..

Course coordination:…………………………………………………………………………. Signature:…………………………………………… Date……………………..

Head of department: ………………………………………………………………………… Signature:…………………………………………… Date…………………….

**KENYA MEDICAL TRAINING COLLEGE**

**KMTC QUALITY MANAGEMENT SYSTEM**

**TEACHING AND LEARNING LESSON DESIGN PLAN**

**CAMPUS:** Voi **TARGET**: Clinical Medicine CLASS: March 2019 **DATE:** **TIME**: ………………….

**SUBJECT:** SURGERY IV **UNIT**:  **UROGENITAL SYSTEM CONDITIONS** **TOPIC:**  PENILE CONDITIONS

**UNIT OBJECTIVE:** By the end of this lesson the learner should be able to, **diagnose and manage disorders of urogenital system and injuries of the spines**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| INSTRUCTIONAL APPROACH | SPECIFIC  OBJECTIVES | TEACHING  METHOD | TEACHER’S  ACTIVITY | LEARNER’S  ACTIVITY | INSTRUCTIONAL  MEDIA | REFERRENCE | TIME | REMARKS |
| Schema  Activation | *Climate setting*  *Introduction to the unit and the subject*  *Background information*  *Topic introduction* | *Greetings*  *Brain storming*  *Introduction* | *Introduction to students*  *Lecturer asking questions* | *Introduction to lecturers*  *Answering and asking questions* | *White board*  *Marker pen*  *Projectors*  *Pen* | *Aaron A.R*  *Tobian M.D*  *Serwadda, Quinn.Kigozi, Atingà* | *5 min* | *Done* |
| Schema  Construction | *Definition*  *Disorders of penis*  *(priapism,peyronies disease,Balanitis,*  *dermatitis,phimosis and paraphimosis, penile cancer)*  *managements* | *Lectures tutorials*  *Class room discussion* | *Lecturing*  *Asking questions*  *Giving answers* | *Taking notes and listening*  *Answering and asking questions* | *White board*  *Marker pen*  *Projectors*  *Pen*  *Lecture notes* | *Burkitt, H. G., Quick, C. R., & Reed, J. B. (2014). Essential Surgery - Problems, Diagnosis and Management. London: Churchill Livingstone, ELSEVIER.* | *1 hr 40 min* | *Done* |
| Schema  refinement | *Evaluation of*  *Students understanding*  *Provision of assignment* | *Lecture*  *Classroom discussion* | *Lecturing asking questions*  *Giving assignments* | *Answering questions*  *Asking questions* | *White board*  *Marker pen*  *Projectors*  *Pen*  *Lecture notes* | *Ebnezar, J. R. (2016). Textbook of Orthopedics. New Delhi: Ansari.* | *10 min* | *done* |

Subject lecturer:………………………………………………………………………………… Signature:…………………………………………… Date……………………..

Course coordination:…………………………………………………………………………. Signature:…………………………………………… Date……………………..

Head of department: ………………………………………………………………………… Signature:…………………………………………… Date…………………….

**KENYA MEDICAL TRAINING COLLEGE**

**KMTC QUALITY MANAGEMENT SYSTEM**

**TEACHING AND LEARNING LESSON DESIGN PLAN**

**CAMPUS:** Voi **TARGET**: Clinical Medicine CLASS: March 2019 **DATE:** **TIME**: ………………….

**SUBJECT:** SURGERY IV **UNIT**:  **UROGENITAL SYSTEM CONDITIONS** **TOPIC:**  TESTICLES CONDITIONS

**UNIT OBJECTIVE:** By the end of this lesson the learner should be able to, **diagnose and manage disorders of urogenital system and injuries of the spines**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| INSTRUCTIONAL APPROACH | SPECIFIC  OBJECTIVES | TEACHING  METHOD | TEACHER’S  ACTIVITY | LEARNER’S  ACTIVITY | INSTRUCTIONAL  MEDIA | REFERRENCE | TIME | REMARKS |
| Schema  Activation | *Climate setting*  *Introduction to the unit and the subject*  *Background information*  *Topic introduction* | *Greetings*  *Brain storming*  *Introduction* | *Introduction to students*  *Lecturer asking questions* | *Introduction to lecturers*  *Answering and asking questions* | *White board*  *Marker pen*  *Projectors*  *Pen* | *Aaron A.R*  *Tobian M.D*  *Serwadda, Quinn.Kigozi, Atingà* | *5 min* | *Done* |
| Schema  Construction | *Definition*  *Types of testis conditions*  *Undescended testes,*  *Torsion of testes, scrotum conditions and urine retantion* | *Lectures tutorials*  *Class room discussion* | *Lecturing*  *Asking questions*  *Giving answers* | *Taking notes and listening*  *Answering and asking questions* | *White board*  *Marker pen*  *Projectors*  *Pen*  *Lecture notes* | *Burkitt, H. G., Quick, C. R., & Reed, J. B. (2014). Essential Surgery - Problems, Diagnosis and Management. London: Churchill Livingstone, ELSEVIER.* | *1 hr 40 min* | *Done* |
| Schema  refinement | *Evaluation of*  *Students understanding*  *Provision of assignment* | *Lecture*  *Classroom discussion* | *Lecturing asking questions*  *Giving assignments* | *Answering questions*  *Asking questions* | *White board*  *Marker pen*  *Projectors*  *Pen*  *Lecture notes* | *Ebnezar, J. R. (2016). Textbook of Orthopedics. New Delhi: Ansari.* | *10 min* | *done* |

Subject lecturer:………………………………………………………………………………… Signature:…………………………………………… Date……………………..

Course coordination:…………………………………………………………………………. Signature:…………………………………………… Date……………………..

Head of department: ………………………………………………………………………… Signature:…………………………………………… Date…………………….

**KENYA MEDICAL TRAINING COLLEGE**

**KMTC QUALITY MANAGEMENT SYSTEM**

**TEACHING AND LEARNING LESSON DESIGN PLAN**

**CAMPUS:** Voi **TARGET**: Clinical Medicine CLASS: March 2019 **DATE:** **TIME**: ………………….

**SUBJECT:** SURGERY IV **UNIT**:  **INJURIES OF THE SPINE** **TOPIC:**  CLASSIFICATION AND INTRODUCTION

**UNIT OBJECTIVE:** By the end of this lesson the learner should be able to, **diagnose and manage injuries of spine**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| INSTRUCTIONAL APPROACH | SPECIFIC  OBJECTIVES | TEACHING  METHOD | TEACHER’S  ACTIVITY | LEARNER’S  ACTIVITY | INSTRUCTIONAL  MEDIA | REFERRENCE | TIME | REMARKS |
| Schema  Activation | *Climate setting*  *Introduction to the unit and the subject*  *Background information*  *Topic introduction* | *Greetings*  *Brain storming*  *Introduction* | *Introduction to students*  *Lecturer asking questions* | *Introduction to lecturers*  *Answering and asking questions* | *White board*  *Marker pen*  *Projectors*  *Pen* | *Aaron A.R*  *Tobian M.D*  *Serwadda, Quinn.Kigozi, Atingà* | *5 min* | *Done* |
| Schema  Construction | *Definition*  *Classification of spinal cord injuries, mechanism of spine injuries* | *Lectures tutorials*  *Class room discussion* | *Lecturing*  *Asking questions*  *Giving answers* | *Taking notes and listening*  *Answering and asking questions* | *White board*  *Marker pen*  *Projectors*  *Pen*  *Lecture notes* | *Burkitt, H. G., Quick, C. R., & Reed, J. B. (2014). Essential Surgery - Problems, Diagnosis and Management. London: Churchill Livingstone, ELSEVIER.* | *1 hr 40 min* | *Done* |
| Schema  refinement | *Evaluation of*  *Students understanding*  *Provision of assignment* | *Lecture*  *Classroom discussion* | *Lecturing asking questions*  *Giving assignments* | *Answering questions*  *Asking questions* | *White board*  *Marker pen*  *Projectors*  *Pen*  *Lecture notes* | *Ebnezar, J. R. (2016). Textbook of Orthopedics. New Delhi: Ansari.* | *10 min* | *done* |

Subject lecturer:………………………………………………………………………………… Signature:…………………………………………… Date……………………..

Course coordination:…………………………………………………………………………. Signature:…………………………………………… Date……………………..

Head of department: ………………………………………………………………………… Signature:…………………………………………… Date…………………….

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**TEACHING AND LEARNING LESSON DESIGN PLAN**

**CAMPUS:** Voi **TARGET**: Clinical Medicine CLASS: March 2019 **DATE:** **TIME**: ………………….

**SUBJECT:** SURGERY IV **UNIT**:  **INJURIES OF THE SPINE** **TOPIC:**  CLASSIFICATION AND INTRODUCTION

**UNIT OBJECTIVE:** By the end of this lesson the learner should be able to, **diagnose and manage injuries of spine**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| INSTRUCTIONAL APPROACH | SPECIFIC  OBJECTIVES | TEACHING  METHOD | TEACHER’S  ACTIVITY | LEARNER’S  ACTIVITY | INSTRUCTIONAL  MEDIA | REFERRENCE | TIME | REMARKS |
| Schema  Activation | *Climate setting*  *Introduction to the unit and the subject*  *Background information*  *Topic introduction* | *Greetings*  *Brain storming*  *Introduction* | *Introduction to students*  *Lecturer asking questions* | *Introduction to lecturers*  *Answering and asking questions* | *White board*  *Marker pen*  *Projectors*  *Pen* | *Aaron A.R*  *Tobian M.D*  *Serwadda, Quinn.Kigozi, Atingà* | *5 min* | *Done* |
| Schema  Construction | *Cervical spine injuries*  *Presentation*  *Investigation*  *management* | *Lectures tutorials*  *Class room discussion* | *Lecturing*  *Asking questions*  *Giving answers* | *Taking notes and listening*  *Answering and asking questions* | *White board*  *Marker pen*  *Projectors*  *Pen*  *Lecture notes* | *Burkitt, H. G., Quick, C. R., & Reed, J. B. (2014). Essential Surgery - Problems, Diagnosis and Management. London: Churchill Livingstone, ELSEVIER.* | *1 hr 40 min* | *Done* |
| Schema  refinement | *Evaluation of*  *Students understanding*  *Provision of assignment* | *Lecture*  *Classroom discussion* | *Lecturing asking questions*  *Giving assignments* | *Answering questions*  *Asking questions* | *White board*  *Marker pen*  *Projectors*  *Pen*  *Lecture notes* | *Ebnezar, J. R. (2016). Textbook of Orthopedics. New Delhi: Ansari.* | *10 min* | *done* |

Subject lecturer:………………………………………………………………………………… Signature:…………………………………………… Date……………………..

Course coordination:…………………………………………………………………………. Signature:…………………………………………… Date……………………..

Head of department: ………………………………………………………………………… Signature:…………………………………………… Date…………………….

**KENYA MEDICAL TRAINING COLLEGE**

**KMTC QUALITY MANAGEMENT SYSTEM**

**TEACHING AND LEARNING LESSON DESIGN PLAN**

**CAMPUS:** Voi **TARGET**: Clinical Medicine CLASS: March 2019 **DATE:** **TIME**: ………………….

**SUBJECT:** SURGERY IV **UNIT**:  **INJURIES OF THE SPINE** **TOPIC:**  CLASSIFICATION AND INTRODUCTION

**UNIT OBJECTIVE:** By the end of this lesson the learner should be able to, **diagnose and manage injuries of spine**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| INSTRUCTIONAL APPROACH | SPECIFIC  OBJECTIVES | TEACHING  METHOD | TEACHER’S  ACTIVITY | LEARNER’S  ACTIVITY | INSTRUCTIONAL  MEDIA | REFERRENCE | TIME | REMARKS |
| Schema  Activation | *Climate setting*  *Introduction to the unit and the subject*  *Background information*  *Topic introduction* | *Greetings*  *Brain storming*  *Introduction* | *Introduction to students*  *Lecturer asking questions* | *Introduction to lecturers*  *Answering and asking questions* | *White board*  *Marker pen*  *Projectors*  *Pen* | *Aaron A.R*  *Tobian M.D*  *Serwadda, Quinn.Kigozi, Atingà* | *5 min* | *Done* |
| Schema  Construction | *Thoracic and lumbar spine injuries*  *Radiographic investigation*  *presentation* | *Lectures tutorials*  *Class room discussion* | *Lecturing*  *Asking questions*  *Giving answers* | *Taking notes and listening*  *Answering and asking questions* | *White board*  *Marker pen*  *Projectors*  *Pen*  *Lecture notes* | *Burkitt, H. G., Quick, C. R., & Reed, J. B. (2014). Essential Surgery - Problems, Diagnosis and Management. London: Churchill Livingstone, ELSEVIER.* | *1 hr 40 min* | *Done* |
| Schema  refinement | *Evaluation of*  *Students understanding*  *Provision of assignment* | *Lecture*  *Classroom discussion* | *Lecturing asking questions*  *Giving assignments* | *Answering questions*  *Asking questions* | *White board*  *Marker pen*  *Projectors*  *Pen*  *Lecture notes* | *Ebnezar, J. R. (2016). Textbook of Orthopedics. New Delhi: Ansari.* | *10 min* | *done* |

Subject lecturer:………………………………………………………………………………… Signature:…………………………………………… Date……………………..

Course coordination:…………………………………………………………………………. Signature:…………………………………………… Date……………………..

Head of department: ………………………………………………………………………… Signature:…………………………………………… Date…………………….

**KENYA MEDICAL TRAINING COLLEGE**

**KMTC QUALITY MANAGEMENT SYSTEM**

**TEACHING AND LEARNING LESSON DESIGN PLAN**

**CAMPUS:** Voi **TARGET**: Clinical Medicine CLASS: March 2019 **DATE:** **TIME**: ………………….

**SUBJECT:** SURGERY IV **UNIT**:  **INJURIES OF THE SPINE** **TOPIC:**  MANAGEMENT OF SPINE INJURIES

**UNIT OBJECTIVE:** By the end of this lesson the learner should be able to, **diagnose and manage injuries of spine**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| INSTRUCTIONAL APPROACH | SPECIFIC  OBJECTIVES | TEACHING  METHOD | TEACHER’S  ACTIVITY | LEARNER’S  ACTIVITY | INSTRUCTIONAL  MEDIA | REFERRENCE | TIME | REMARKS |
| Schema  Activation | *Climate setting*  *Introduction to the unit and the subject*  *Background information*  *Topic introduction* | *Greetings*  *Brain storming*  *Introduction* | *Introduction to students*  *Lecturer asking questions* | *Introduction to lecturers*  *Answering and asking questions* | *White board*  *Marker pen*  *Projectors*  *Pen* | *Aaron A.R*  *Tobian M.D*  *Serwadda, Quinn.Kigozi, Atingà* | *5 min* | *Done* |
| Schema  Construction | *Management of spine injuries patients*  *(paraplegia,quadriplegia)* | *Lectures tutorials*  *Class room discussion* | *Lecturing*  *Asking questions*  *Giving answers* | *Taking notes and listening*  *Answering and asking questions* | *White board*  *Marker pen*  *Projectors*  *Pen*  *Lecture notes* | *Burkitt, H. G., Quick, C. R., & Reed, J. B. (2014). Essential Surgery - Problems, Diagnosis and Management. London: Churchill Livingstone, ELSEVIER.* | *1 hr 40 min* | *Done* |
| Schema  refinement | *Evaluation of*  *Students understanding*  *Provision of assignment* | *Lecture*  *Classroom discussion* | *Lecturing asking questions*  *Giving assignments* | *Answering questions*  *Asking questions* | *White board*  *Marker pen*  *Projectors*  *Pen*  *Lecture notes* | *Ebnezar, J. R. (2016). Textbook of Orthopedics. New Delhi: Ansari.* | *10 min* | *done* |

Subject lecturer:………………………………………………………………………………… Signature:…………………………………………… Date……………………..

Course coordination:…………………………………………………………………………. Signature:…………………………………………… Date……………………..

Head of department: ………………………………………………………………………… Signature:…………………………………………… Date…………………….

**KENYA MEDICAL TRAINING COLLEGE**

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**TEACHING AND LEARNING LESSON DESIGN PLAN**

**CAMPUS:** Voi **TARGET**: Clinical Medicine CLASS: March 2019 **DATE:** **TIME**: ………………….

**SUBJECT:** SURGERY IV **UNIT**:  **INJURIES OF THE SPINE** **TOPIC:**  VERTEBRAL DISC

**UNIT OBJECTIVE:** By the end of this lesson the learner should be able to, **diagnose and manage injuries of spine**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| INSTRUCTIONAL APPROACH | SPECIFIC  OBJECTIVES | TEACHING  METHOD | TEACHER’S  ACTIVITY | LEARNER’S  ACTIVITY | INSTRUCTIONAL  MEDIA | REFERRENCE | TIME | REMARKS |
| Schema  Activation | *Climate setting*  *Introduction to the unit and the subject*  *Background information*  *Topic introduction* | *Greetings*  *Brain storming*  *Introduction* | *Introduction to students*  *Lecturer asking questions* | *Introduction to lecturers*  *Answering and asking questions* | *White board*  *Marker pen*  *Projectors*  *Pen* | *Aaron A.R*  *Tobian M.D*  *Serwadda, Quinn.Kigozi, Atingà* | *5 min* | *Done* |
| Schema  Construction | *Types of vertebral disc conditions*  *Prolapsed intervertebral disc*  *management* | *Lectures tutorials*  *Class room discussion* | *Lecturing*  *Asking questions*  *Giving answers* | *Taking notes and listening*  *Answering and asking questions* | *White board*  *Marker pen*  *Projectors*  *Pen*  *Lecture notes* | *Burkitt, H. G., Quick, C. R., & Reed, J. B. (2014). Essential Surgery - Problems, Diagnosis and Management. London: Churchill Livingstone, ELSEVIER.* | *1 hr 40 min* | *Done* |
| Schema  refinement | *Evaluation of*  *Students understanding*  *Provision of assignment* | *Lecture*  *Classroom discussion* | *Lecturing asking questions*  *Giving assignments* | *Answering questions*  *Asking questions* | *White board*  *Marker pen*  *Projectors*  *Pen*  *Lecture notes* | *Ebnezar, J. R. (2016). Textbook of Orthopedics. New Delhi: Ansari.* | *10 min* | *done* |

Subject lecturer:………………………………………………………………………………… Signature:…………………………………………… Date……………………..

Course coordination:…………………………………………………………………………. Signature:…………………………………………… Date……………………..

Head of department: ………………………………………………………………………… Signature:…………………………………………… Date…………………….