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|  | TÉCNICO SUPERIOR UNIVERSITARIO EN  TERAPIA FÍSICA ÁREA  TURISMO DE SALUD Y BIENESTAR  EN COMPETENCIAS PROFESIONALES | **descarga** |

**ASIGNATURA DE VALORACIÓN CLÍNICO FUNCIONAL**

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| 1. **Competences** | To integrate the therapeutic treatment through initial assessment, planning, execution and assessment of physical therapy techniques to the improvement of life quality of the client/patient. |
| 1. **Four-month term** | Tercero |
| 1. **Theory hours** | 40 |
| 1. **Practice hours** | 50 |
| 1. **Total hours** | 90 |
| 1. **Total hours per week in term** | 6 |
| 1. **Learning objective** | The students will integrate the physical therapy file through clinical interview and clinical functional assessment to establish a functional diagnosis.. |

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| **Learning Units** | **Hours** | | |
| **Theory** | **Practice** | **Totals** |
| **I. El Expediente Clínico.** | 10 | 5 | 15 |
| **II. Valoración General.** | 10 | 15 | 25 |
| **III. Valoración por Aparatos y Sistemas.** | 10 | 20 | 30 |
| **IV. Diagnóstico en Terapia Física.** | 10 | 10 | 20 |
| **Totals** | **40** | **50** | **90** |

**VALORACIÓN CLÍNICO FUNCIONAL**

*LEARNING UNITS*

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| 1. **Learning Unit** | **I. El Expediente Clínico.** |
| 1. **Theory hours** | 10 |
| 1. **Practice hours** | 5 |
| 1. **Total hours** | 15 |
| 1. **Objective of the Learning Unit** | The students will integrat the structure of the clinical file in physical therapy through interview communicative skills to gather clinical information from the client/patient. |

| **Topics** | **Know** | **Know how** | **Be** |
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| Communicative skills in the clinical interview. | To identify the skills for verbal and non-verbal expression.  To identify the skills for observation.  To Identify the skills for empathetic relation. | To demonstrate the skills for verbal and non-verbal expression.  To demonstrate the skills for observation.  To demonstrate the skills for empathetic relation. | Empathetic  Objective  Honest  Observer  Analytical  Systematic  Organised |
| Structure of the clinical file. | To identify the structure of the conventional clinical file:  - NOM 004-SSA3-2012.  - NOM 024-SSA3-2010.  To identify the structure of a clinical medical history.  - Identification file.  - Family history.  - Non-pathological personal history.  - Pathologic personal history.  - Ginecological-obstetric history.  - Perinatal history.  - Current condition.  - Physical exploration.  - Signs of the condition.  - Medical diagnostic.  - Diagnostic auxiliaries: office and laboratory.  To describe the structure of the clinical file in physical therapy according to APTA.  To identify the structure of the clinical interview in physical therapy:  -Demographic aspects and current condition.  -Family medical history.  -Lifestyle and environment.  -Verbal revision per systems. | To match the structures of the conventional clinical file with the clinical file in physical therapy.  To interview a patient following the structure of the clinical file in physical therapy. | Empathetic  Objective  Honest  Observer  Analytical  Systematic  Organised |

**VALORACIÓN CLÍNICO FUNCIONAL**

*EVALUATION PROCESS*

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| **Learning Result** | **Learning Sequence** | **Instruments and types of evaluation** |
| Starting from a practical case giving the clinical medical history of a patient, the student will interview the patient to add:  Medical summary according to the clinical history given.  The clinical intervew in physical therapy must contain:  -Demographic aspects and current condition.  -Medical family history.  -Lifestyle and environment.  -Verbal revision per systems. | 1. To identify the communicative skills in the clinical interview.  2. To demonstrate the communicative skills in the clinical interview.  3. To identify the structure of the clinical medical file and that of physical therapy.  4. Relacionar el expediente clínico médico y el de Terapia Física. To match the clinical medical file and of that of physical therapy. | Rubric  Practical case  Checklist |

**VALORACIÓN CLÍNICO FUNCIONAL**

*TEACHING LEARNING PROCESS*

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| **Teaching methods and techniques** | **Didactic means and materials** |
| Investigation tasks.  Guided discussion.  Master class.  Brainstorm.  Graphic organisers. | Whiteboard.  Audiovisual equipment.  Internet connection.  Slides.  Schemes. |

*FORMATION SPACE*

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| **Classroom** | **Laboratory / Workshop** | **Company** |
| X | X |  |

**VALORACIÓN CLÍNICO FUNCIONAL**

*LEARNING UNITS*

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| 1. **Learning Unit** | **Il. Valoración General.** |
| 1. **Theory hours** | 10 |
| 1. **Practice hours** | 15 |
| 1. **Total hours** | 25 |
| 1. **Objective of the Learning Unit** | The students will integrate the general assessment of the client/patient through clinical instruments of physical therapy to complement the medical records. |

| **Topics** | **Know** | **Know how** | **Be** |
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| Global obsrevation, mental function, and cognitive assessment. | To identify the clinical instruments to make the global realisation of the patient:  -Apparent state of health.  - Hygiene.  - Growth.  - Nutritional condition.  - Coloration.  - Malformations.  - Attitude.  - Consciousness state.  - Position.  - Language.  To identify the MMSE (Mini Mental State Examination), as an instrument to the mental function assessment of the client/patient.  To identify the Montreal Cognitive Assessment Test as an instrument to the cognitive state assessment of the client/patient.  To identify the alert signs in patients with mental state and cognitive function alterations to be referred to the corresponding specialisation areas. | To demonstrate the use of clinical instruments for the global observation of the client/patient.  To demonstrate the use of Mini Mental State Examination as an instrument to the mental function assessment of the client/patient.  To demonstrate the use of the Montreal Cognitive Assessment Test as an instrument to the cognitive state assessment of the client/patient. | Empathetic  Objective  Honest  Observer  Analytical  Systematic  Organised |
| Emotional and psychological factors. | To identify the use of the clinical instruments for the assessment of emotional and psychological factors:  -Geriatric depression scale.  -Zung’s anxiety scale.  To identify the alert signs in patients with emotional and psychological alterations to be referred to the corresponding specialisation areas. | To demonstrate the use of clinical instruments for the assessment of emotional and psychological factors. | Empathetic  Objective  Honest  Observer  Analytical  Systematic  Organised |
| Posture, mobility, and gait. | To identify the types of posture proposed by Kendall.  To identify the instruments and procedures for postural evaluation.  To identify the instruments and procedures for the evaluation of mobility and locomotion:  - Goniometry.  - Arc of active mobility and arc of passive mobility.  - Transferences.  To describe the phases of gait.  To identify the instruments and procedures for the evaluation of gait. | Demostrar el uso de los instrumentos y procedimientos para la evaluación postural. To demonstrate the use of instruments and procedures for the postural evaluation.  To demonstrate the use of instruments and procedures for the evaluation of mobility and locomotion.  To demonstrate the use of the instruments and procedures for the evaluation of gait. | Empathetic  Objective  Honest  Observer  Analytical  Systematic  Organised |
| Functional evaluation. | To identify the instruments and procedures for the evaluation of the ABVD.  To identify the instruments and procedures for the evaluation of the AIVD. | To demonstrate the use of the instruments and procedures for the evaluation of the ABVD.  To demonstrate the use of the instruments and procedures for the evaluation of AIVD. | Empathetic  Objective  Honest  Observer  Analytical  Systematic  Organised |

**VALORACIÓN CLÍNICO FUNCIONAL**

*EVALUATION PROCESS*

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| **Learning Result** | **Learning Sequence** | **Instruments and types of evaluation** |
| Through an OSCE (Objective Structured Clinical Examination), the students will make the following evaluations:  - Global observation.  - State of mind.  - Cognitive function.  - Emotional and psychological factors.  - Mobility.  - Posture.  - Gait.  - Funcional evaluation. | 1. To comprehend the instruments and procedures for the general evaluation in physical therapy.  2. To match the instruments and clinical procedures with the asptect to evaluate.  3. To interpret the clinical data gathered. | Rubric.  Practical case.  Checklist. |

**VALORACIÓN CLÍNICO FUNCIONAL**

*TEACHING LEARNING PROCESS*

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| **Teaching methods and techniques** | **Didactic means and materials** |
| Investigation tasks.  Guided discussion.  Master class.  Brainstorm.  Graphic organisers. | Whiteboard.  Audiovisual equipment.  Internet connection.  Slides.  Schemes. |

*FORMATION SPACE*

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| **Classroom** | **Laboratory / Workshop** | **Company** |
| X | X |  |

**VALORACIÓN CLÍNICO FUNCIONAL**

*LEARNING UNITS*

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| 1. **Learning Unit** | **Ill. Valoración por Aparatos y Sistemas.** |
| 1. **Theory hours** | 10 |
| 1. **Practice hours** | 20 |
| 1. **Total hours** | 30 |
| 1. **Objective of the Learning Unit** | The students will develop the analysis capacity and interpretation of functional alterations in sections and systems through clinical assessment for the diagnosis in physical therapy. |

| **Topics** | **Know** | **Know how** | **Be** |
| --- | --- | --- | --- |
| Cardiovascular and pulmonar assessment. | To identify the cardiovascular alterations: hypotension, hypertension, edema, and ischemia.  To identify the respiratory alterations: apnea, dyspnea, bradypnea, and polypnea.  To identify the semiology of the cardiovascular and pulmonar system according to the following signs: pulse, heart rate, respiratory rate, blood pressure, temperature, and oximetry. | To perform the taking of signs of the cardiovascular and respiratory system.  To interpret the metabolic values of the cardiovascular and respiratory system.  To interpret the cardiorespiratory in physical therapy:  -6 minute gait test.  -Borg’s scale.  -Ruffier Dickson’s test. | Empathetic  Objective  Honest  Observer  Analytical  Systematic  Organised |

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|  | To describe the procedures for the taking of the signs of the cardiovascular and pulmonar system.  To recognise the cardiorrespiratory assessment in physical therapy.  - 6 minute gait test.  - Borg’s scale.  - Ruffier Dickson’s test. |  |  |

**VALORACIÓN CLÍNICO FUNCIONAL**

*EVALUATION PROCESS*

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| **Learning Result** | **Learning Sequence** | **Instruments and types of evaluation** |
| Through an OSCE (Objective Structured Clinical Examination), the students will perform the following evaluations:  -Assessment of the cardiovascular and respiratory system.  -Assessment of the Integumentary.  -Muscle assessment.  -Neuromuscular assessment. | 1. To comprehend the instruments and procedures for the evaluation per systems.  2. To interpret the clinical data gathered.  3. Relacionar la valoración por aparatos y sistemas con la detección de alteraciones funcionales. To match the assessment per systems with the detection of functional alterations. | Rubric.  Practical case.  Checklist.  Simulation. |

**VALORACIÓN CLÍNICO FUNCIONAL**

*TEACHING LEARNING PROCESS*

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| **Teaching methods and techniques** | **Didactic means and materials** |
| Investigation tasks.  Guided discussion.  Master class.  Brainstorm.  Graphic organisers.  Work teams. | Whiteboard.  Audiovisual equipment.  Internet connection.  Slides.  Schemes. |

*FORMATION SPACE*

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| **Classroom** | **Laboratory / Workshop** | **Company** |
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**VALORACIÓN CLÍNICO FUNCIONAL**

*LEARNING UNITS*

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| 1. **Learning Unit** | **IV. Diagnóstico en Terapia Física.** |
| 1. **Theory hours** | 10 |
| 1. **Practice hours** | 10 |
| 1. **Total hours** | 20 |
| 1. **Objective of the Learning Unit** | The students will use the Intervention Model in physical therapy and the International Classification of Functioning, of capacity, and health to establish a therapeutic diagnosis. |

| **Topics** | **Know** | **Know how** | **Be** |
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| Intervention Model in physical therapy. | To recognise the Intervention Model in physical therapy.  -Examination  -Evaluation  -Diagnosis  -Forecast  -Intervention  -Re-examination |  | Empathetic  Objective  Honest  Observer  Analytical  Systematic  Organised |
| International Classification of Functioning (CIF) of disability and health. | To recognise the CIF:  -Structures and body functions.  -Activities and participation.  -Personal and environmental factors. | To use the CIF as a guide to establish a diagnosis. | Empathetic  Objective  Honest  Observer  Analytical  Systematic  Organised |

**VALORACIÓN CLÍNICO FUNCIONAL**

*EVALUATION PROCESS*

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| **Learning Result** | **Learning Sequence** | **Instruments and types of evaluation** |
| Starting from a clinical case considering the stages of MIF, the students will make a diagnosis in physical therapy based on the CIF, that includes:  - The structures and body functions.  - Limitations in activity.  - Restrictions in participation.  - Personales and environmental factors. | 1. To comprehend the Intervention Modal in physical therapy.  2. To analyse the International Classification of Functioning.  3. To apply both models for diagnosis in physical therapy. | Rubric.  Practical case.  Checklist. |

**VALORACIÓN CLÍNICO FUNCIONAL**

*TEACHING LEARNING PROCESS*

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| --- | --- |
| **Teaching methods and techniques** | **Didactic means and materials** |
| Investigation tasks.  Guided discussion.  Master class.  Brainstorm.  Graphic organisers. | Whiteboard.  Audiovisual equipment.  Internet connection.  Slides.  Schemes. |

*FORMATION SPACE*

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| **Classroom** | **Laboratory / Workshop** | **Company** |
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**VALORACIÓN CLÍNICO FUNCIONAL**

*CAPACITIES DERIVED FROM THE PROFESSIONAL COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES*

| **Capacity** | **Performance Criteria** |
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| To assess the physical condition of the customer/patient through the diagnostic interpretation and applying techniques of physical exploration and clinic interview to establish the treatment plan. | To write a report of therapeutic assesment, which will be added to the therapeutic record, that includes:   * Specialist who canalises * Informed consentment * Personal information * Current ailment * Clinic history * Physical and therapeutic assessment |
| To determine the therapeutic treatment through selection and programming of therapeutic techniques, area, equipment, work material, human resource, and calendarisation, to contribute to the evolution of the health condition of the client/patient and their wellbeing. | To create a treatment protocol, which will be added to the therapeutic record, that includes:  - Chronogram of sessions per treatment.  - Place or workplace.  - Techniques used.  - Therapeutic counterinstructions.  - Risks and complications.  - List of material and equipment to use according to the applicable norm.  - Projection of the evolution of the client/patient.  - Therapist in charge and their speciality. |
| To develop the therapeutic treatment through manual therapies and electrotherapy to contribute on the rehabilitation, health condition and wellbeing of the client/client. | To perform the manual techniques and electrotherapy according to the protocol established: facilities, equipment and goods to use, times, temperature; instructions, counterinstructions, and benefits to the client/patient.  To track the application of the treatment, which will be added to the therapeutic record, that includes:  • Date, time and session number.  • Treatment specifying the manual techniques and electrotherapy used.  • Advances of the treatment.  • Observations.  • Reaction or affectation.  • Suggestions of tracking and medical reassessment.  • Therapist in charge and their speciality. |
| To assess the evolution and satisfaction of the client/client through analysis of results to propose modifications to the treatment and to contribute to the fullfilment of its objectives. | To write a report of results, which will be added to the therapeutic record, that includes:   * Fullfilment of activities programmed. * Equipment used. * Techniques used. * Fullfilment of hygiene and security norms. * Degree of evolution of the customer/patient. * Degree of satisfaction of the customer/patient. * Conclusions to the treatment. * Observations and modifications proposal to the treatment. |

**VALORACIÓN CLÍNICO FUNCIONAL**

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