



| | | <table><tr><th rowspan="2">P.O</th><th colspan="16">Week</th></tr><tr><th>1</th><th>2</th><th>3</th><th>4</th><th>5</th><th>6</th><th>7</th><th>8</th><th>9</th><th>10</th><th>11</th><th>12</th><th>13</th><th>14</th><th>15</th><th>16</th></tr><tr><td>PO-1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>PO-2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>PO-3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>PO-4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> | P.O | Week | | | | | | | | | | | | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | PO-1 | | | | | | | | | | | | | | | | | PO-2 | | | | | | | | | | | | | | | | | PO-3 | | | | | | | | | | | | | | | | | PO-4 | | | | | | | | | | | | | | | | |
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| P.O | Week | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PO-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PO-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PO-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PO-4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Short Course Description | This course is a course that discusses the anatomy, physiology and histopathology of neurosensory; analyze and perform anamnesis and physical examination regarding neurosensory; analyzing medical supporting examinations; analyze the main diagnosis and differential diagnosis; analyzing neurosensory related management where the achievement of learning competencies can be measured using a case method approach with discussion, question and answer and assignment methods. Assessment is carried out by presentations, written tests and assignment portfolios. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| References | Main : | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1. Paulsen F, Waschke J. Sobotta Atlas Anatomi Manusia: Organ-Organ Dalam. Edisi 23. Penerbit Buku Kedokteran EGC; 2015. 2. Sherwood L. Fisiologi Manusia Dari Sel Ke Sistem. Edisi 8. (Ong OH, Mahode AA, Ramadhani D, eds.). Penerbit Buku Kedokteran EGC; 2014. 3. Dorland, 2002; Kamus Kedokteran Dorland; Edisi 29, Buku Kedokteran EGC, hal. 111, 701, 772, 1622, 2067. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Supporters: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1. Sidharta P, Mardjono M. 2004. Neurologi Klinis Dasar. Jakarta: Dian Rakyat. 2. Baehr, M. dan Frotscher, M. 2005. Duus' Topical Diagnosis in Neurology 4th edition. Georg Thieme Verlag. Stuttgart 3. Waxman, Stephen G. 2010. Clinical Neuroanatomy twenty-sixth edition. Lange medical book: The McGraw-Hill Companies, Inc. 4. Campbell, William W. 2013. De Jong's the Neurologic Examination: Incorporation the Fundamental of Neuroanatomy and Neurophysiology 7th edition. Lipincott William & Wilkins. USA. 5. Sidharta, Priguna. 1995. Tata Pemeriksaan Klinis Dalam Neurologi. Dian Rakyat. 6. Saunders. 2012. Netter's Neurology 2nd edition. Elsevier Inc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Supporting lecturer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Week- | Final abilities of each learning stage (Sub-PO) | Evaluation | | Help Learning, Learning methods, Student Assignments, [Estimated time] | | Learning materials [References] | Assessment Weight (%) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Indicator | Criteria & Form | Offline (offline) | Online (online) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 1 | Able to analyze neurosensory anatomy | 1.Analyze the anatomy of nerve cells 2.Analyze the anatomy of the central nervous system 3.Analyze the anatomy of the peripheral nervous system 4.Analyzing sensory nerve anatomy | Criteria: Performance Rubric | Case method Lecture: 3x50' Tutorial: 2x50' Practicum: 1x170' | Material: Book 1 Bibliography: <i>Paulsen F, Waschke J. Sobotta Atlas of Human Anatomy: Internal Organs. Edition 23. EGC Medical Book Publishers; 2015.</i> <hr/> Material: Book 2 Bibliography: <i>Sherwood L. Human Physiology From Cells to Systems. Edition 8. (Ong OH, Mahode AA, Ramadhani D, eds.). EGC Medical Book Publishers; 2014.</i> <hr/> Material: Book 3 Bibliography: <i>Dorland, 2002; Dorland Medical Dictionary; Edition 29, EGC Medical Book, p. 111, 701, 772, 1622, 2067.</i> <hr/> Material: Book 6 Bibliography: <i>Waxman, Stephen G. 2010. Clinical Neuroanatomy twenty-sixth edition. Lange medical book: The McGraw-Hill Companies, Inc.</i> | 20% |
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| 2 | Able to analyze neurosensory anatomy | 1.Analyze the anatomy of nerve cells 2.Analyze the anatomy of the central nervous system 3.Analyze the anatomy of the peripheral nervous system 4.Analyzing sensory nerve anatomy | Criteria: Performance Rubric | Case method Lecture: 3x50' Tutorial: 2x50' Practicum: 1x170' | Material: Book 1 Bibliography: <i>Paulsen F, Waschke J. Sobotta Atlas of Human Anatomy: Internal Organs. Edition 23. EGC Medical Book Publishers; 2015.</i> <hr/> Material: Book 2 Bibliography: <i>Sherwood L. Human Physiology From Cells to Systems. Edition 8. (Ong OH, Mahode AA, Ramadhani D, eds.). EGC Medical Book Publishers; 2014.</i> <hr/> Material: Book 3 Bibliography: <i>Dorland, 2002; Dorland Medical Dictionary; Edition 29, EGC Medical Book, p. 111, 701, 772, 1622, 2067.</i> <hr/> Material: Book 6 Bibliography: <i>Waxman, Stephen G. 2010. Clinical Neuroanatomy twenty-sixth edition. Lange medical book: The McGraw-Hill Companies, Inc.</i> | 20% |
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| 3 | Able to analyze neurosensory anatomy | 1.Analyze the anatomy of nerve cells 2.Analyze the anatomy of the central nervous system 3.Analyze the anatomy of the peripheral nervous system 4.Analyzing sensory nerve anatomy | Criteria: Performance Rubric | Case method Lecture: 3x50' Tutorial: 2x50' Practicum: 1x170' | Material: Book 1 Bibliography: <i>Paulsen F, Waschke J. Sobotta Atlas of Human Anatomy: Internal Organs. Edition 23. EGC Medical Book Publishers; 2015.</i> <hr/> Material: Book 2 Bibliography: <i>Sherwood L. Human Physiology From Cells to Systems. Edition 8. (Ong OH, Mahode AA, Ramadhani D, eds.). EGC Medical Book Publishers; 2014.</i> <hr/> Material: Book 3 Bibliography: <i>Dorland, 2002; Dorland Medical Dictionary; Edition 29, EGC Medical Book, p. 111, 701, 772, 1622, 2067.</i> <hr/> Material: Book 6 Bibliography: <i>Waxman, Stephen G. 2010. Clinical Neuroanatomy twenty-sixth edition. Lange medical book: The McGraw-Hill Companies, Inc.</i> | 20% |
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| 4 | Able to analyze neurosensory physiology | <p>1. Analyze the physiology of the central nervous system</p> <p>2. Analyze the physiology of the peripheral nervous system</p> <p>3. Analyze the physiology of sensory nerves</p> | <p>Criteria: Performance Rubric</p> | <p>Case method Lecture: 3x50' Tutorial: 2x50' Practicum: 1x170'</p> | <p>Material: Book 1' Bibliography: <i>Paulsen F, Waschke J. Sobotta Atlas of Human Anatomy: Internal Organs. Edition 23. EGC Medical Book Publishers; 2015.</i></p> <p>Material: Book 2 Bibliography: <i>Sherwood L. Human Physiology From Cells to Systems. Edition 8. (Ong OH, Mahode AA, Ramadhani D, eds.). EGC Medical Book Publishers; 2014.</i></p> <p>Material: Book 3 Bibliography: <i>Dorland, 2002; Dorland Medical Dictionary; Edition 29, EGC Medical Book, p. 111, 701, 772, 1622, 2067.</i></p> <p>Material: Book 6 Bibliography: <i>Waxman, Stephen G. 2010. Clinical Neuroanatomy twenty-sixth edition. Lange medical book: The McGraw-Hill Companies, Inc.</i></p> | 15% |
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| 5 | Able to analyze neurosensory physiology | 1.Analyze the physiology of the central nervous system 2.Analyze the physiology of the peripheral nervous system 3.Analyze the physiology of sensory nerves | Criteria: Performance Rubric | Case method Lecture: 3x50' Tutorial: 2x50' Practicum: 1x170' | | Material: Book 1' Bibliography: <i>Paulsen F, Waschke J. Sobotta Atlas of Human Anatomy: Internal Organs. Edition 23. EGC Medical Book Publishers; 2015.</i> <hr/> Material: Book 2 Bibliography: <i>Sherwood L. Human Physiology From Cells to Systems. Edition 8. (Ong OH, Mahode AA, Ramadhani D, eds.). EGC Medical Book Publishers; 2014.</i> <hr/> Material: Book 3 Bibliography: <i>Dorland, 2002; Dorland Medical Dictionary; Edition 29, EGC Medical Book, p. 111, 701, 772, 1622, 2067.</i> <hr/> Material: Book 6 Bibliography: <i>Waxman, Stephen G. 2010. Clinical Neuroanatomy twenty-sixth edition. Lange medical book: The McGraw-Hill Companies, Inc.</i> | 15% |
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| 6 | Able to analyze neurosensory histopathology | 1.Analyzing nerve cell histopathology 2.Analyze the histopathology of the central nervous system 3.Analyze the histopathology of the peripheral nervous system 4.Analyzing sensory nerve histopathology | Criteria: Performance Rubric Form of Assessment : Practice / Performance | Case method Lecture: 3x50' Tutorial: 2x50' Practicum: 1x170' | Material: Book 1 Bibliography: <i>Paulsen F, Waschke J. Sobotta Atlas of Human Anatomy: Internal Organs. Edition 23. EGC Medical Book Publishers; 2015.</i> <hr/> Material: Book 2 Bibliography: <i>Sherwood L. Human Physiology From Cells to Systems. Edition 8. (Ong OH, Mahode AA, Ramadhani D, eds.). EGC Medical Book Publishers; 2014.</i> <hr/> Material: Book 3 Bibliography: <i>Dorland, 2002; Dorland Medical Dictionary; Edition 29, EGC Medical Book, p. 111, 701, 772, 1622, 2067.</i> <hr/> Material: Book 6 Bibliography: <i>Waxman, Stephen G. 2010. Clinical Neuroanatomy twenty-sixth edition. Lange medical book: The McGraw-Hill Companies, Inc.</i> | 15% |
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| 7 | Able to analyze neurosensory histopathology | 1.Analyzing nerve cell histopathology 2.Analyze the histopathology of the central nervous system 3.Analyze the histopathology of the peripheral nervous system 4.Analyzing sensory nerve histopathology | Criteria: Performance Rubric | Case method Lecture: 3x50' Tutorial: 2x50' Practicum: 1x170' | Material: Book 1 Bibliography: <i>Paulsen F, Waschke J. Sobotta Atlas of Human Anatomy: Internal Organs. Edition 23. EGC Medical Book Publishers; 2015.</i> <hr/> Material: Book 2 Bibliography: <i>Sherwood L. Human Physiology From Cells to Systems. Edition 8. (Ong OH, Mahode AA, Ramadhani D, eds.). EGC Medical Book Publishers; 2014.</i> <hr/> Material: Book 3 Bibliography: <i>Dorland, 2002; Dorland Medical Dictionary; Edition 29, EGC Medical Book, p. 111, 701, 772, 1622, 2067.</i> <hr/> Material: Book 6 Bibliography: <i>Waxman, Stephen G. 2010. Clinical Neuroanatomy twenty-sixth edition. Lange medical book: The McGraw-Hill Companies, Inc.</i> | 15% |
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| 8 | Able to analyze and carry out anamnesis related to neurosensory | <ol style="list-style-type: none"> 1. Carry out an anamnesis of the main complaint and history of current illness 2. Carry out an anamnesis of previous medical history 3. Carry out anamnesis for family disease history 4. Carry out an anamnesis of medication history | <p>Criteria: Performance Rubric</p> <p>Form of Assessment : Practice / Performance</p> | Case method Lecture: 3x50' Tutorial: 2x50' Practicum: 1x170' | <p>Material: Book 4 References: <i>Sidharta P, Mardjono M. 2004. Basic Clinical Neurology. Jakarta: Dian Rakyat.</i></p> <p>-----</p> <p>Material: Book 5 Bibliography: <i>Baehr, M. and Frotscher, M. 2005. Duus' Topical Diagnosis in Neurology 4th edition. Georg Thieme Verlag. Stuttgart</i></p> <p>-----</p> <p>Material: Book 6 Bibliography: <i>Waxman, Stephen G. 2010. Clinical Neuroanatomy twenty-sixth edition. Lange medical book: The McGraw-Hill Companies, Inc.</i></p> <p>-----</p> <p>Material: Book 7 Bibliography: <i>Campbell, William W. 2013. De Jong's the Neurologic Examination: Incorporation of the Fundamentals of Neuroanatomy and Neurophysiology 7th edition. Lipincott William & Wilkins. USA.</i></p> <p>-----</p> <p>Material: Book 8 Bibliography: <i>Sidharta, Priguna. 1995. Clinical Examination Procedures in Neurology. Dian Rakyat.</i></p> <p>-----</p> <p>Material: Book 9 Bibliography: <i>Saunders. 2012. Netter's Neurology 2nd edition. Elsevier Inc</i></p> | 15% |
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| 9 | Able to analyze and carry out anamnesis related to neurosensory | <ol style="list-style-type: none"> 1. Carry out an anamnesis of the main complaint and history of current illness 2. Carry out an anamnesis of previous medical history 3. Carry out anamnesis for family disease history 4. Carry out an anamnesis of medication history | <p>Criteria: Performance Rubric</p> <p>Form of Assessment : Practice / Performance</p> | Case method Lecture: 3x50' Tutorial: 2x50' Practicum: 1x170' | <p>Material: Book 4 References: <i>Sidharta P, Mardjono M. 2004. Basic Clinical Neurology. Jakarta: Dian Rakyat.</i></p> <hr/> <p>Material: Book 5 Bibliography: <i>Baehr, M. and Frotscher, M. 2005. Duus' Topical Diagnosis in Neurology 4th edition. Georg Thieme Verlag. Stuttgart</i></p> <hr/> <p>Material: Book 6 Bibliography: <i>Waxman, Stephen G. 2010. Clinical Neuroanatomy twenty-sixth edition. Lange medical book: The McGraw-Hill Companies, Inc.</i></p> <hr/> <p>Material: Book 7 Bibliography: <i>Campbell, William W. 2013. De Jong's the Neurologic Examination: Incorporation of the Fundamentals of Neuroanatomy and Neurophysiology 7th edition. Lipincott William & Wilkins. USA.</i></p> <hr/> <p>Material: Book 8 Bibliography: <i>Sidharta, Priguna. 1995. Clinical Examination Procedures in Neurology. Dian Rakyat.</i></p> <hr/> <p>Material: Book 9 Bibliography: <i>Saunders. 2012. Netter's Neurology 2nd edition. Elsevier Inc</i></p> | 15% |
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| 10 | Able to analyze and carry out physical examinations related to neurosensory | <ol style="list-style-type: none"> 1. Check vital signs 2. Perform a basic neurological examination 3. Perform a general neurosensory examination 4. Perform a special neurosensory examination | <p>Criteria: Performance Rubric</p> <p>Form of Assessment : Practice / Performance</p> | Case method Lecture: 3x50' Tutorial: 2x50' Practicum: 1x170' | | <p>Material: Book 4 References: <i>Sidharta P, Mardjono M. 2004. Basic Clinical Neurology. Jakarta: Dian Rakyat.</i></p> <hr/> <p>Material: Book 5 Bibliography: <i>Baehr, M. and Frotscher, M. 2005. Duus' Topical Diagnosis in Neurology 4th edition. Georg Thieme Verlag. Stuttgart</i></p> <hr/> <p>Material: Book 6 Bibliography: <i>Waxman, Stephen G. 2010. Clinical Neuroanatomy twenty-sixth edition. Lange medical book: The McGraw-Hill Companies, Inc.</i></p> <hr/> <p>Material: Book 7 Bibliography: <i>Campbell, William W. 2013. De Jong's the Neurologic Examination: Incorporation of the Fundamentals of Neuroanatomy and Neurophysiology 7th edition. Lipincott William & Wilkins. USA.</i></p> <hr/> <p>Material: Book 8 Bibliography: <i>Sidharta, Priguna. 1995. Clinical Examination Procedures in Neurology. Dian Rakyat.</i></p> <hr/> <p>Material: Book 9 Bibliography: <i>Saunders. 2012. Netter's Neurology 2nd edition. Elsevier Inc</i></p> | 15% |
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| 11 | Able to analyze and carry out physical examinations related to neurosensory | <ol style="list-style-type: none"> 1. Check vital signs 2. Perform a basic neurological examination 3. Perform a general neurosensory examination 4. Perform a special neurosensory examination | <p>Criteria: Performance Rubric</p> <p>Form of Assessment : Practice / Performance</p> | Case method Lecture: 3x50' Tutorial: 2x50' Practicum: 1x170' | <p>Material: Book 4 References: <i>Sidharta P, Mardjono M. 2004. Basic Clinical Neurology. Jakarta: Dian Rakyat.</i></p> <hr/> <p>Material: Book 5 Bibliography: <i>Baehr, M. and Frotscher, M. 2005. Duus' Topical Diagnosis in Neurology 4th edition. Georg Thieme Verlag. Stuttgart</i></p> <hr/> <p>Material: Book 6 Bibliography: <i>Waxman, Stephen G. 2010. Clinical Neuroanatomy twenty-sixth edition. Lange medical book: The McGraw-Hill Companies, Inc.</i></p> <hr/> <p>Material: Book 7 Bibliography: <i>Campbell, William W. 2013. De Jong's the Neurologic Examination: Incorporation of the Fundamentals of Neuroanatomy and Neurophysiology 7th edition. Lipincott William & Wilkins. USA.</i></p> <hr/> <p>Material: Book 8 Bibliography: <i>Sidharta, Priguna. 1995. Clinical Examination Procedures in Neurology. Dian Rakyat.</i></p> <hr/> <p>Material: Book 9 Bibliography: <i>Saunders. 2012. Netter's Neurology 2nd edition. Elsevier Inc</i></p> | 15% |
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| 12 | Able to analyze supporting examinations related to neurosensory | 1. Analyze basic supporting examinations 2. Analyze basic neurological investigations 3. Analyze neurosensory examination | Criteria: Performance Rubric Form of Assessment : Practice / Performance | Case method Lecture: 3x50' Tutorial: 2x50' Practicum: 1x170' | | Material: Book 4 References: Sidharta P, Mardjono M. 2004. <i>Basic Clinical Neurology</i> . Jakarta: Dian Rakyat. ----- Material: Book 5 Bibliography: Baehr, M. and Frotscher, M. 2005. <i>Duus' Topical Diagnosis in Neurology 4th edition</i> . Georg Thieme Verlag. Stuttgart ----- Material: Book 6 Bibliography: Waxman, Stephen G. 2010. <i>Clinical Neuroanatomy twenty-sixth edition</i> . Lange medical book: The McGraw-Hill Companies, Inc. ----- Material: Book 7 Bibliography: Campbell, William W. 2013. <i>De Jong's the Neurologic Examination: Incorporation of the Fundamentals of Neuroanatomy and Neurophysiology 7th edition</i> . Lipincott William & Wilkins. USA. ----- Material: Book 8 Bibliography: Sidharta, Priguna. 1995. <i>Clinical Examination Procedures in Neurology</i> . Dian Rakyat. ----- Material: Book 9 Bibliography: Saunders. 2012. <i>Netter's Neurology 2nd edition</i> . Elsevier Inc | 5% |
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| 13 | Able to analyze the main diagnosis and differential diagnosis related to neurosensory | 1. Analyze the main diagnosis 2. Analyze differential diagnoses | Form of Assessment : Practice / Performance | Case method Lecture: 3x50' Tutorial: 2x50' Practicum: 1x170' | <p>Material: Book 4 References: <i>Sidharta P, Mardjono M. 2004. Basic Clinical Neurology. Jakarta: Dian Rakyat.</i></p> <p>Material: Book 5 Bibliography: <i>Baehr, M. and Frotscher, M. 2005. Duus' Topical Diagnosis in Neurology 4th edition. Georg Thieme Verlag. Stuttgart</i></p> <p>Material: Book 6 Bibliography: <i>Waxman, Stephen G. 2010. Clinical Neuroanatomy twenty-sixth edition. Lange medical book: The McGraw-Hill Companies, Inc.</i></p> <p>Material: Book 7 Bibliography: <i>Campbell, William W. 2013. De Jong's the Neurologic Examination: Incorporation of the Fundamentals of Neuroanatomy and Neurophysiology 7th edition. Lipincott William & Wilkins. USA.</i></p> <p>Material: Book 8 Bibliography: <i>Sidharta, Priguna. 1995. Clinical Examination Procedures in Neurology. Dian Rakyat.</i></p> <p>Material: Book 9 Bibliography: <i>Saunders. 2012. Netter's Neurology 2nd edition. Elsevier Inc</i></p> | 10% |
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| 14 | Able to analyze neurosensory related management | 1. Analyze initial management 2. Analyzing neurological management 3. Analyzing neurosensory management 4. Analyzing non-medical management 5. Promotive and preventive in the field of sports medicine | | Case method Lecture: 3x50' Tutorial: 2x50' Practicum: 1x170' | | Material: Book 4 References: Sidharta P, Mardjono M. 2004. <i>Basic Clinical Neurology</i> . Jakarta: Dian Rakyat. <hr/> Material: Book 5 Bibliography: Baehr, M. and Frotscher, M. 2005. <i>Duus' Topical Diagnosis in Neurology 4th edition</i> . Georg Thieme Verlag. Stuttgart <hr/> Material: Book 6 Bibliography: Waxman, Stephen G. 2010. <i>Clinical Neuroanatomy twenty-sixth edition</i> . Lange medical book: The McGraw-Hill Companies, Inc. <hr/> Material: Book 7 Bibliography: Campbell, William W. 2013. <i>De Jong's the Neurologic Examination: Incorporation of the Fundamentals of Neuroanatomy and Neurophysiology 7th edition</i> . Lipincott William & Wilkins. USA. <hr/> Material: Book 8 Bibliography: Sidharta, Priguna. 1995. <i>Clinical Examination Procedures in Neurology</i> . Dian Rakyat. <hr/> Material: Book 9 Bibliography: Saunders. 2012. <i>Netter's Neurology 2nd edition</i> . Elsevier Inc | 5% |
| 15 | | | | | | | 0% |
| 16 | | | | | | | 0% |

Evaluation Percentage Recap: Project Based Learning

| No | Evaluation | Percentage |
|----|------------------------|------------|
| 1. | Practice / Performance | 90% |
| | | 90% |

Notes

1. **Learning Outcomes of Study Program Graduates (PLO - Study Program)** are the abilities possessed by each Study Program graduate which are the internalization of attitudes, mastery of knowledge and skills according to the level of their

- study program obtained through the learning process.
2. **The PLO imposed on courses** are several learning outcomes of study program graduates (CPL-Study Program) which are used for the formation/development of a course consisting of aspects of attitude, general skills, special skills and knowledge.
 3. **Program Objectives (PO)** are abilities that are specifically described from the PLO assigned to a course, and are specific to the study material or learning materials for that course.
 4. **Subject Sub-PO (Sub-PO)** is a capability that is specifically described from the PO that can be measured or observed and is the final ability that is planned at each learning stage, and is specific to the learning material of the course.
 5. **Indicators for assessing** abilities in the process and student learning outcomes are specific and measurable statements that identify the abilities or performance of student learning outcomes accompanied by evidence.
 6. **Assessment Criteria** are benchmarks used as a measure or measure of learning achievement in assessments based on predetermined indicators. Assessment criteria are guidelines for assessors so that assessments are consistent and unbiased. Criteria can be quantitative or qualitative.
 7. **Forms of assessment:** test and non-test.
 8. **Forms of learning:** Lecture, Response, Tutorial, Seminar or equivalent, Practicum, Studio Practice, Workshop Practice, Field Practice, Research, Community Service and/or other equivalent forms of learning.
 9. **Learning Methods:** Small Group Discussion, Role-Play & Simulation, Discovery Learning, Self-Directed Learning, Cooperative Learning, Collaborative Learning, Contextual Learning, Project Based Learning, and other equivalent methods.
 10. **Learning materials** are details or descriptions of study materials which can be presented in the form of several main points and sub-topics.
 11. **The assessment weight** is the percentage of assessment of each sub-PO achievement whose size is proportional to the level of difficulty of achieving that sub-PO, and the total is 100%.
 12. TM=Face to face, PT=Structured assignments, BM=Independent study.