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| 3.0 credits | 30.0 h | 2q |
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| Teacher(s) :                 | Duque Julie ;  |
| Language :                   | Français   |
| Place of the course          | Louvain-la-Neuve   |
| Main themes :                | The student will study the properties of basic electrical circuits supplied with DC and AC. This knowledge should enable it to understand the basic operation of pacemakers for clinical use and scientific basis of electrotherapy. Some applications are seen in more detail (eg IONTOPHORESIS, stimulation of healthy and pathological muscle, électroanalgésie)  |
| Aims :                       | At the end of this course, students will be able to use the principles of electricity and magnetism to explain the functioning of the main equipment used in electrotherapy.<br><i>The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".</i> |
| Content :                    | As part of the course, principles of electricity and magnetism will be discussed. These principles will then explain how the various devices used in electrotherapy. A brief overview of his (their) action (s) physiological (s) will also be addressed.  |
| Other infos :                | Rating: Review written or oral<br>Support: Syllabus and / or book (s)<br>Framing: Holder (s)   |
| Faculty or entity in charge: | FSM  |

| <b>Programmes / formations proposant cette unité d'enseignement (UE)</b> |         |         |           |   |
|--|---------|---------|-----------|---|
| Intitulé du programme  | Sigle   | Credits | Prerequis | Acquis d'apprentissage  |
| Bachelor in Physiotherapy and Rehabilitation                             | KINE1BA | 3       | -         |  |