**Research Topics(Second level) -**

**راسبى الترم الأول من المستوى الثانى**

1. **ReproductiveModule:**

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| Items | Subtitles | |
| 1-Male infertility | | 1. Describe the anatomy of the affected organ. 2. Describe the physiology of the affected organ. 3. Describe the Ultrastructure of testis.  * Ultrastructure of blood testis barrier. * Histological structure of prostate.  1. Mention the male sex hormones. 2. Types of germ cell testicular tumours.  * Definition of each type. * Incidence of each type. * Gross and microscopic picture of each type. * Prognosis of each type. * Methods of spread of germ cell tumors |
| 2-Female infertility | | 1. Mention the anatomy of the affected organs. 2. Describe the physiology of the affected organ. 3. Describe;  * Histological structure of endometrium. * The Ultrastructure of myometrium. * Types & ultrastructure of ovarian follicles.  1. Mention;  * Pathological Types of ovarian cysts * Polycystic ovary syndrome (Definition, Pathogenesis, Gross picture)  1. Mentionfemale sex hormones. |
| 3-Breast cancer | | 1. Describe breast anatomy. 2. Mention the physiology of the breast. 3. Describe the histological structure of mammary gland. 4. Regarding Breast cancer mention:-Incidence - Risk factors - General features and classification - Gross and microscopic picture of each type - Spread - Grading and staging - Prognostic factors |
| 1. Sexually transmitted disease | | Mention causative agents (viral, bacterial and parasitic), method of infection, laboratory diagnosis and treatment. |