**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
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| 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.
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| 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
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| 1. Sexually transmitted disease
 | Mention causative agents (viral, bacterial and parasitic), method of infection, laboratory diagnosis and treatment. |