

منهاج ومواضيع الامتحان التنافسي لدراسة الماجستير ماجستير اختصاص دقيق سريري
في السكري والغدد الصم والأبيض كلية الطب جامعة البصرة 2016-2017

Medical Content Category	% of Exam
Adrenal	10%
Pituitary	10%
Female Reproduction	7%
Male Reproduction	7%
Thyroid	15%
Diabetes/Hypoglycemia	24%
Calcium and Bone	15%
Lipids/Obesity	12%
Total	100%

Adrenal 10% of Exam	Approximate % within Adrenal
Glucocorticoids	30%
Mineralocorticoids	20%
Adrenal androgens	15%
Adrenal incidentaloma	15%
Adrenal medulla	15%
Adrenal cancer	5%

Pituitary 10% of Exam	Approximate % within Pituitary
Prolactin	15%
Growth hormone	20%
TSH	5%
Gonadotropins	5%
Non-secreting tumors	10%
ACTH	10%
Hypopituitarism	10%
Empty Sella	5%
Antidiuretic hormone	10%
Hypothalamic syndromes	5%
Pituitary incidentaloma	5%

Lipids / Obesity 12% of Exam	Approximate % within Lipids / Obesity
Primary disorders of hyperlipidemia 17%	Primary disorders of hyperlipidemia 17%
Primary disorders of HDL metabolism 8%	Primary disorders of HDL metabolism 8%
Primary genetic hypolipidemias 4%	Primary genetic hypolipidemias 4%
Secondary disorders of lipid metabolism 21%	Secondary disorders of lipid metabolism 21%
Treatment 21%	Treatment 21%
Obesity and Nutrition 29%	Obesity and Nutrition 29%

Female Reproduction 7% of Exam	Approximate % within Female Reproduction
Amenorrhea 22%	Amenorrhea 22%
Hyperandrogenism 22%	Hyperandrogenism 22%
Premenstrual syndrome/Premenstrual dysphoric disorder 7%	Premenstrual syndrome/Premenstrual dysphoric disorder 7%
Endocrine causes of infertility 7%	Endocrine causes of infertility 7%
Hormonal contraception 14%	Hormonal contraception 14%
Perimenopause and menopause 14%	Perimenopause and menopause 14%
Sexual differentiation 7%	Sexual differentiation 7%
Normal menstrual cycle physiology 7%	Normal menstrual cycle physiology 7%

Male Reproduction 7% of Exam	Approximate % within Male Reproduction
Hypogonadism 30%	Hypogonadism 30%
Infertility 14%	Infertility 14%
Gynecomastia 14%	Gynecomastia 14%
Erectile dysfunction 14%	Erectile dysfunction 14%

Testosterone in aging men 7%	Testosterone in aging men 7%
Abuse of androgens/Anabolic steroids 14%	Abuse of androgens/Anabolic steroids 14%
Sexual differentiation 7%	Sexual differentiation 7%
Hypogonadism 30%	Hypogonadism 30%

Diabetes / Hypoglycemia 24% of Exam	Approximate % within Diabetes / Hypoglycemia
Definitions and diagnosis 8%	Definitions and diagnosis 8%
Monitoring glycemic control 8%	Monitoring glycemic control 8%
Pathogenesis of type 1 diabetes mellitus 4%	Pathogenesis of type 1 diabetes mellitus 4%
Pathogenesis of type 2 diabetes mellitus 4%	Pathogenesis of type 2 diabetes mellitus 4%
Management of type 1 diabetes mellitus 13%	Management of type 1 diabetes mellitus 13%
Management of type 2 diabetes mellitus 17%	Management of type 2 diabetes mellitus 17%
Other types of diabetes 4%	Other types of diabetes 4%
Pregnancy 4%	Pregnancy 4%
Complications 17%	Complications 17%
Skin diseases 2%	Skin diseases 2%
Islet cell and pancreas transplantation 2%	Islet cell and pancreas transplantation 2%
Diabetes prevention 2%	Diabetes prevention 2%
Hypoglycemia not related to diabetes treatment 9%	Hypoglycemia not related to diabetes treatment 9%
Inpatient diabetes management 4%	Inpatient diabetes management 4%
Rare disorders 2%	Rare disorders 2%

Calcium and Bone 15% of Exam	Approximate % within Calcium and Bone
Hypercalcemia 20%	Hypercalcemia 20%
Hypocalcemia 20%	Hypocalcemia 20%
Osteoporosis 28%	Osteoporosis 28%
Paget's disease 3%	Paget's disease 3%
Osteomalacia and rickets 7%	Osteomalacia and rickets 7%
Renal osteodystrophy 3%	Renal osteodystrophy 3%
Nephrolithiasis 3%	Nephrolithiasis 3%
Osteogenesis imperfecta and bone dysplasias 3%	Osteogenesis imperfecta and bone dysplasias 3%
Fibrous dysplasia and other dysplastic syndromes 3%	Fibrous dysplasia and other dysplastic syndromes 3%
Calciophylaxis 3%	Calciophylaxis 3%
Hypophosphatemia 7%	Hypophosphatemia 7%

Thyroid 15% of Exam	Approximate % within Thyroid
Hyperthyroidism 23%	Hyperthyroidism 23%
Hypothyroidism 17%	Hypothyroidism 17%
Solitary nodules and nontoxic multinodular goiter 20%	Solitary nodules and nontoxic multinodular goiter 20%
Thyroid cancer 23%	Thyroid cancer 23%
Diagnostic thyroid testing/Abnormal thyroid tests without	Diagnostic thyroid testing/Abnormal thyroid tests without
thyroid disease 10%	thyroid disease 10%
Pregnancy 7%	Pregnancy 7%

References

Textbooks

- **Williams Textbook of Endocrinology 12th Edition, 2016**

Journals

- **Clinical Endocrinology**
- **Journal of Clinical Endocrinology and Metabolism**
- **European Journal of Endocrinology**
- **Endocrinology**
- **Diabetes Spectrum**
- **Diabetes Care**
- **Clinical Diabetes**
- **Diabetes**
- **Nature Reviews Endocrinology**
- **Diabetic Medicine**
- **Diabetologia**
- **Diabetes Care**
- **Endocrine Practice**
- **Endocrine Reviews**
- **Diabetes Therapy**
- **Diabetes, Obesity, and Metabolism**
- **Annals of Clinical Biochemistry**
- **Current Opinion in Endocrinology, Diabetes and Obesity**
- **Current Opinion in Endocrinology & Diabetes**
- **Diabetes& Metabolic Syndrome Clinical Research & Reviews**
- **Diabetes & Metabolism**
- **Diabetes and Vascular Disease Research**
- **Diabetes Research and Clinical Practice**
- **Diabetes, Obesity and Metabolism**
- **Diabetes, Metabolic Syndrome, and Obesity**
- **BMC Endocrine Disorders**
- **Endocrinologist**
- **Best Practice & Research Clinical Endocrinology & Metabolism**
- **Pituitary**

- **Indian Journal of Endocrinology and Metabolism**
- **International Journal of Diabetes in Developing Countries**
- **Reviews in Endocrine & Metabolic Disorders**
- **Thyroid**
- **Clinical Thyroidology**
- **Thyroid Research and Practice**
- **Asian Journal of Andrology**
- **Lancet**
- **The New England Journal of Medicine**
- **Annals of clinical biochemistry**
- **Clinical biochemistry**

Guidelines and Societies

- **American Diabetes Association (ADA)**
- **European Association for the Study of Diabetes(EASD)**
- **International Diabetes Federation(IDF)**
- **World Health Organization (WHO)**
- **American Association of Clinical Endocrinologists(AACE)**
- **National Institute for Clinical Excellence(NICE)**
- **Endocrine Society**
- **American Thyroid Association(ATA)**
- **European Thyroid Association(ETA)**
- **European Society of Endocrinology(ESE)**
- **International Hormone Society**
- **International Society for Pediatric and Adolescent Diabetes (ISPAD)**
- **Pituitary Society**
- **American Thyroid Association**