

Topic for Case based learning	Subject	Competency code
Diabetes	Anatomy	AN47.5
Diabetes	Anatomy	AN52.1
Diabetes	Physiology	
Diabetes	Biochemistry	

<b>Diabetes</b>	Biochemistry	BI12.3
<b>Diabetes</b>	Biochemistry	BI8.4
<b>Diabetes</b>	Biochemistry	BI14.9
<b>Diabetes</b>	Biochemistry	BI14.8

<b>Diabetes</b>	Pharmacology	PH7.1
<b>Diabetes</b>	Pathology	PA31.5
<b>Diabetes</b>	Community Medicine	CM8.2
<b>Diabetes</b>	Medicine	GM11.1

<b>Diabetes</b>	Medicine	GM11.2
<b>Diabetes</b>	Medicine	GM11.3
<b>Diabetes</b>	Medicine	GM11.4
<b>Diabetes</b>	Medicine	GM11.5
<b>Diabetes</b>	Medicine	GM11.6
<b>Diabetes</b>	Medicine	GM11.7
<b>Diabetes</b>	Medicine	GM11.9
<b>Diabetes</b>	Medicine	GM11.10

<b>Diabetes</b>	Medicine	GM11.11
<b>Diabetes</b>	Medicine	GM11.12
<b>Diabetes</b>	Medicine	GM11.13
<b>Diabetes</b>	Medicine	GM11.14
<b>Diabetes</b>	Medicine	GM11.15
<b>Diabetes</b>	Medicine	GM11.16
<b>Diabetes</b>	Medicine	GM11.17
<b>Diabetes</b>	Medicine	GM11.18

<b>Diabetes</b>	Medicine	GM11.19
<b>Diabetes</b>	Medicine	GM11.20
<b>Diabetes</b>	Medicine	GM11.21
<b>Diabetes</b>	Medicine	GM11.22
<b>Diabetes</b>	Medicine	GM11.23
<b>Diabetes</b>	Medicine	GM11.24
<b>Diabetes</b>	Paediatrics	PE30.3
<b>Diabetes</b>	Paediatrics	

<b>Diabetes</b>	Paediatrics	PE30.4
<b>Diabetes</b>	Obstetrics and Gynaecology	OG12.3
<b>Diabetes</b>	Dermtalogy	
<b>Diabetes</b>	Dermatology	
<b>Diabetes</b>	Common	NA
<b>Diabetes</b>	Common	NA
<b>Diabetes</b>	Common	NA
<b>Diabetes</b>	Common	NA
<b>Diabetes</b>	Common	NA





Competency description	Direct URLs (Deep links) to the topic within textbooks inside CK Student	Direct URLs (Deep links) to the Disease Overviews/ Summaries for the topic within CK Student
Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	<a href="#">Not a single link working from column E2</a>	
Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland	<a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702073755000067#hl0000602">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702073755000067#hl0000602</a>	
Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus	<a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323597128000795#hl0000236">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323597128000795#hl0000236</a> <a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323655309000516#hl0000417">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323655309000516#hl0000417</a> <a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323597128000795">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323597128000795</a> <a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9788131257739001027#hl0001009">https://www.clinicalkey.com/student/content/book/3-s2.0-B9788131257739001027#hl0001009</a>	
Discuss the mechanism and significance of blood glucose regulation in health and disease.	<a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323597128000795#hl0000634">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323597128000795#hl0000634</a>	

<p>Describe the role of oxidative stress in the pathogenesis of conditions such as cancer, complications of diabetes mellitus and atherosclerosis</p>	<p><a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9781929007639000210#hl0000434">https://www.clinicalkey.com/student/content/book/3-s2.0-B9781929007639000210#hl0000434</a></p> <p><a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323531139000029#hl0001439">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323531139000029#hl0001439</a></p> <p><a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702072123000177#hl0001879">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702072123000177#hl0001879</a></p>	
<p>Provide dietary advice for optimal health in childhood and adult, in disease conditions like diabetes mellitus, coronary artery disease and in pregnancy.</p>	<p><a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323239905000344#hl0002614">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323239905000344#hl0002614</a></p>	
<p>Explain the basis and rationale of biochemical tests done in the following conditions:</p> <ul style="list-style-type: none"> <li>- diabetes mellitus,</li> <li>- dyslipidemia,</li> <li>- myocardial infarction,</li> <li>- renal failure, gout,</li> <li>- proteinuria,</li> <li>- nephrotic syndrome,</li> <li>- edema,</li> <li>- jaundice,</li> <li>- liver diseases, pancreatitis,</li> <li>disorders of acid- base balance, -</li> <li>thyroid disorders</li> </ul>	<p><a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702078750000115#hl0000615">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702078750000115#hl0000615</a></p>	
<p>Perform estimation of urea and calculate BUN and interpretation of results in clinical scenarios.</p>	<p><a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9788131253519000068#hl0000022">https://www.clinicalkey.com/student/content/book/3-s2.0-B9788131253519000068#hl0000022</a></p>	

<p>Describe the types, kinetics, dynamics, adverse drug reactions of drugs used in diabetes mellitus and devise management for an obese and non-obese diabetic patient &amp; also comment on prevention of complications of the diabetes.</p>	<p><a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9781455743773000471#hl0000489">https://www.clinicalkey.com/student/content/book/3-s2.0-B9781455743773000471#hl0000489</a></p>	
<p>Classify and describe the epidemiology, etiology, pathogenesis, pathology, clinical laboratory features, complications and progression of diabetes mellitus</p>	<p><a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B978070207354000014X#hl0001649">https://www.clinicalkey.com/student/content/book/3-s2.0-B978070207354000014X#hl0001649</a></p> <p><a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323531139000273#hl0000641">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323531139000273#hl0000641</a></p> <p><a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323531139000297#hl0001008">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323531139000297#hl0001008</a></p>	
<p>Describe and discuss the epidemiological and control measures including the use of essential laboratory tests at the primary care level for Non Communicable diseases (diabetes, Hypertension, Stroke, obesity and cancer etc.)</p>	<p><a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323642019000264#hl0000364">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323642019000264#hl0000364</a></p> <p><a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323642019000288#hl0000627">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323642019000288#hl0000627</a></p> <p><a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323642019000276#hl0000663">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323642019000276#hl0000663</a></p> <p><a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323532662002162#hl0000722">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323532662002162#hl0000722</a></p>	
<p>Define and classify diabetes</p>	<p><a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702078682000233#hl0002628">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702078682000233#hl0002628</a></p>	

Describe and discuss the epidemiology and pathogenesis and risk factors and clinical evolution of type 1 diabetes	<a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702078682000233#hl0002687">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702078682000233#hl0002687</a>	
Describe and discuss the epidemiology and pathogenesis and risk factors, economic impact and clinical evolution of type 2 diabetes	<a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702078682000233#hl0002759">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702078682000233#hl0002759</a> <a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323531139000248#section-hl0003464">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323531139000248#section-hl0003464</a>	
Describe and discuss the genetic background and the influence of the environment on diabetes	<a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702078682000233#hl0002768">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702078682000233#hl0002768</a>	
Describe and discuss the pathogenesis and temporal evolution of microvascular and macrovascular complications of diabetes	<a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323722711000689#hl0001029">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323722711000689#hl0001029</a> <a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323531139000248#hl0003597">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323531139000248#hl0003597</a>	
Describe and discuss the pathogenesis and precipitating factors, recognition and management of diabetic emergencies	<a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323722711000689#hl0000981">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323722711000689#hl0000981</a>	
Elicit document and present a medical history that will differentiate the aetiologies of diabetes including risk factors, precipitating factors, lifestyle, nutritional history, family history, medication history, co-morbidities and target organ disease		
Describe and recognise the clinical features of patients who present with a diabetic emergency	<a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702078750000115#hl0000605">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702078750000115#hl0000605</a>	
Generate a differential diagnosis and prioritise based on clinical features that suggest a specific aetiology	<a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702078750000115#hl0000740">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702078750000115#hl0000740</a>	

<p>Order and interpret laboratory tests to diagnose diabetes and its complications including: glucoses, glucose tolerance test, glycosylated hemoglobin, urinary micro albumin, ECG, electrolytes, ABG, ketones, renal function tests and lipid profile</p>	<p><a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323775625001711#hl0000361">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323775625001711#hl0000361</a></p>	
<p>Perform and interpret a capillary blood glucose test</p>		
<p>Perform and interpret a urinary ketone estimation with a dipstick</p>	<p><a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9788131253519000068#hl0000022">https://www.clinicalkey.com/student/content/book/3-s2.0-B9788131253519000068#hl0000022</a></p>	
<p>Recognise the presentation of hypoglycaemia and outline the principles on its therapy</p>	<p><a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B978032351064600063X#section-hl0000107">https://www.clinicalkey.com/student/content/book/3-s2.0-B978032351064600063X#section-hl0000107</a></p>	
<p>Recognise the presentation of diabetic emergencies and outline the principles of therapy</p>	<p><a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702078750000115#section-hl0000831">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702078750000115#section-hl0000831</a></p>	
<p>Discuss and describe the pharmacologic therapies for diabetes their indications, contraindications, adverse reactions and interactions</p>	<p><a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702078750000115#hl0000740">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702078750000115#hl0000740</a></p>	
<p>Outline a therapeutic approach to therapy of T2Diabetes based on presentation, severity and complications in a cost effective manner</p>	<p><a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323722711000689#hl0000890">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323722711000689#hl0000890</a></p>	
<p>Describe and discuss the pharmacology, indications, adverse reactions and interactions of drugs used in the prevention and treatment of target organ damage and complications of Type II Diabetes including neuropathy, nephropathy, retinopathy, hypertension, dyslipidemia and cardiovascular disease</p>	<p><a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323722711000689#hl0000890">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323722711000689#hl0000890</a></p>	

Demonstrate and counsel patients on the correct technique to administer insulin	<a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702078750000115#section-hl0001045">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702078750000115#section-hl0001045</a>	
Demonstrate to and counsel patients correct technique on the of self monitoring of blood glucoses	<a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702078682000233#section-hl0003125">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702078682000233#section-hl0003125</a>	
Recognise the importance of patient preference while selecting therapy for diabetes	<a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9788131253519000068#hl0000022">https://www.clinicalkey.com/student/content/book/3-s2.0-B9788131253519000068#hl0000022</a>	
Enumerate the causes of hypoglycaemia and describe the counter hormone response and the initial approach and treatment		
Enumerate the causes of hypoglycaemia and describe the counter hormone response and the initial approach and treatment	<a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B978813125572800057X#section-hl0003022">https://www.clinicalkey.com/student/content/book/3-s2.0-B978813125572800057X#section-hl0003022</a>	
Describe the precipitating causes, pathophysiology, recognition, clinical features, diagnosis, stabilisation and management of Hyperosmolar non ketotic state	<a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323722711000689#section-hl0000983">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323722711000689#section-hl0000983</a>	
Discuss the etio-pathogenesis, clinical types, presentations, complication and management of Diabetes mellitus in children	<a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780723434382000967#section-hl0000083">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780723434382000967#section-hl0000083</a>	
Interpret Blood sugar reports and explain the diagnostic criteria for Type 1 Diabetes	<a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323775625002273#section-hl0000024">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323775625002273#section-hl0000024</a>  <a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B978032351064600063X#hl0000051">https://www.clinicalkey.com/student/content/book/3-s2.0-B978032351064600063X#hl0000051</a>	

<p>Recognize clinical features DKA, Perform and interpret Urine Dip Stick for Sugar &amp; Ketone bodies &amp; refer</p>	<p><a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323775625002273#section-hl0000024">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323775625002273#section-hl0000024</a></p> <p><a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702082795000093#section-hl0000940">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702082795000093#section-hl0000940</a></p>	
<p>Define, Classify and describe the etiology, pathophysiology, diagnosis, investigations, criteria, adverse effects on the mother and foetus and the management during pregnancy and labor, and complications of diabetes in pregnancy</p>		
<p>Enumerate the cutaneous features of Type 2 diabetes</p>	<p><a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B978813124251300031X">https://www.clinicalkey.com/student/content/book/3-s2.0-B978813124251300031X</a></p>	
<p>Dermatological features of diabetes mellitus</p>		
<p>NA</p>		
<p>NA</p>		
<p>NA</p>		
<p>NA</p>		
<p>NA</p>		



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		<p><a href="https://www.clinicalkey.com/student/content/video/23-s2.0-mm_9780323358095_0038">https://www.clinicalkey.com/student/content/video/23-s2.0-mm_9780323358095_0038</a></p>

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		<a href="https://www.clinicalkey.com/student/content/video/23-s2.0-mm_9780323358095_0034">https://www.clinicalkey.com/student/content/video/23-s2.0-mm_9780323358095_0034</a>

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<a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323531139000248#hl0003597">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323531139000248#hl0003597</a>	<a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9788131250006000199#section-hl0001337">https://www.clinicalkey.com/student/content/book/3-s2.0-B9788131250006000199#section-hl0001337</a>	<a href="https://www.clinicalkey.com/student/content/toc/3-s2.0-C20140029000">https://www.clinicalkey.com/student/content/toc/3-s2.0-C20140029000</a>
	<a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323358095000242">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323358095000242</a>	
<a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702078750000115#hl0000605">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702078750000115#hl0000605</a>		
<a href="https://cdn.clinicalkey.com/ck-thumbnails/B9780723434382X00011/B9780723434382000967/gr6-t.gif">https://cdn.clinicalkey.com/ck-thumbnails/B9780723434382X00011/B9780723434382000967/gr6-t.gif</a>		

		<a href="https://www.clinicalkey.com/student/content/video/23-s2.0-mm_9780323358095_0033">https://www.clinicalkey.com/student/content/video/23-s2.0-mm_9780323358095_0033</a>
<a href="https://cdn.clinicalkey.com/ck-thumbnails/C20150047001/B9780702069932000184/f018-007-9780702069932-t.gif">https://cdn.clinicalkey.com/ck-thumbnails/C20150047001/B9780702069932000184/f018-007-9780702069932-t.gif</a>		
	<a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9788131250006000242#section-hl0002597">https://www.clinicalkey.com/student/content/book/3-s2.0-B9788131250006000242#section-hl0002597</a>	
<a href="https://www.clinicalkey.com/student/api/content/imageByEntitlement/3-s2.0-B9780702081590000402-f40-01-9780702081590">https://www.clinicalkey.com/student/api/content/imageByEntitlement/3-s2.0-B9780702081590000402-f40-01-9780702081590</a>		

<a href="https://cdn.clinicalkey.com/ck-thumbnails/C20190006401/B9780323755702002733/f273-01-9780323755702-t.gif">https://cdn.clinicalkey.com/ck-thumbnails/C20190006401/B9780323755702002733/f273-01-9780323755702-t.gif</a>	<a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702080494000481">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702080494000481</a>  <a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702081590000402#hl0001102">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702081590000402#hl0001102</a>	
<a href="https://cdn.clinicalkey.com/ck-thumbnails/C20150055058/B9780323479387000701/f070-001-9780323479387-t.gif">https://cdn.clinicalkey.com/ck-thumbnails/C20150055058/B9780323479387000701/f070-001-9780323479387-t.gif</a>	<a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702080494000481">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702080494000481</a>	
<a href="https://cdn.clinicalkey.com/ck-thumbnails/C20190011636/B9780702081804000267/f26-08-9780702081804-t.gif">https://cdn.clinicalkey.com/ck-thumbnails/C20190011636/B9780702081804000267/f26-08-9780702081804-t.gif</a>	<a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323498258000200">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323498258000200</a>	

<a href="https://cdn.clinicalkey.com/ck-thumbnails/C2017000616X/B9780323722711000689/f68-01-9780323722711-t.gif">https://cdn.clinicalkey.com/ck-thumbnails/C2017000616X/B9780323722711000689/f68-01-9780323722711-t.gif</a>	<a href="https://www.clinicalkey.com/student/practice/PJBMaiIND0217/">https://www.clinicalkey.com/student/practice/PJBMaiIND0217/</a>	
	<a href="https://www.clinicalkey.com/student/practice/PJBMaiIND0217/">https://www.clinicalkey.com/student/practice/PJBMaiIND0217/</a>	
<a href="https://cdn.clinicalkey.com/ck-thumbnails/C20150057264/B9780131244678000399/fc030-001-9788131244678-t.gif">https://cdn.clinicalkey.com/ck-thumbnails/C20150057264/B9780131244678000399/fc030-001-9788131244678-t.gif</a>	<a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B978813124251300031X">https://www.clinicalkey.com/student/content/book/3-s2.0-B978813124251300031X</a>	
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	<a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323798716500126">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780323798716500126</a>	
	<a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9788131250006000151#section-hl0006105">https://www.clinicalkey.com/student/content/book/3-s2.0-B9788131250006000151#section-hl0006105</a>	
	<a href="https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702080494000493">https://www.clinicalkey.com/student/content/book/3-s2.0-B9780702080494000493</a>	



<p>MCQs Unique Identification Number within CK Student Assessments i.e. <a href="https://www.clinicalkey.com/student/test/#/createAnAssessment">https://www.clinicalkey.com/student/test/#/createAnAssessment</a></p>	<p>Direct URLs to India Skills Videos</p>	<p>Direct URLs (Deep links) to videos within OSMOSIS</p>
<p>YAI_1588773508897 YAI_1588773519386 YAI_1588773523691 YAI_1567759974110</p>	<p><a href="https://indiambbsskills.clinicalkey.com/local/course/view.php?id=155100">https://indiambbsskills.clinicalkey.com/local/course/view.php?id=155100</a></p>	<p><a href="https://www.osmosis.org/learn/Anatomy_of_the_abdominal_viscera:_Innervation_of_the_abdominal_viscera">https://www.osmosis.org/learn/Anatomy_of_the_abdominal_viscera:_Innervation_of_the_abdominal_viscera</a></p>
<p>YAI_1561126544524 YAI_1588775423044</p>	<p><a href="https://indiambbsskills.clinicalkey.com/local/course/view.php?id=155129">https://indiambbsskills.clinicalkey.com/local/course/view.php?id=155129</a> <a href="https://indiambbsskills.clinicalkey.com/local/course/view.php?id=155123">https://indiambbsskills.clinicalkey.com/local/course/view.php?id=155123</a></p>	<p><a href="https://www.osmosis.org/learn/Anatomy_of_the_gastrointestinal_organ_of_the_pelvis_and_perineum">https://www.osmosis.org/learn/Anatomy_of_the_gastrointestinal_organ_of_the_pelvis_and_perineum</a> <a href="https://www.osmosis.org/learn/Anatomy_of_the_abdominal_viscera:_Large_intestine">https://www.osmosis.org/learn/Anatomy_of_the_abdominal_viscera:_Large_intestine</a></p>
		<p><a href="https://www.osmosis.org/learn/Pituitary_gland_histology">https://www.osmosis.org/learn/Pituitary_gland_histology</a> <a href="https://www.osmosis.org/learn/Anatomy_of_the_thyroid_and_parathyroid_glands">https://www.osmosis.org/learn/Anatomy_of_the_thyroid_and_parathyroid_glands</a> <a href="https://www.osmosis.org/learn/Insulins">https://www.osmosis.org/learn/Insulins</a> <a href="https://www.osmosis.org/learn/Thyroid_and_parathyroid_gland_histology">https://www.osmosis.org/learn/Thyroid_and_parathyroid_gland_histology</a> <a href="https://www.osmosis.org/learn/Pancreas_histology">https://www.osmosis.org/learn/Pancreas_histology</a> <a href="https://www.osmosis.org/learn/Anatomy_of_the_abdominal_viscera:_Pancreas_and_spleen">https://www.osmosis.org/learn/Anatomy_of_the_abdominal_viscera:_Pancreas_and_spleen</a></p>
<p>YAI_1561126966080 YAI_1561126640347 YAI_1561126966080 YAI_1561126967203 YAI_1561126967203</p>		<p><a href="https://www.osmosis.org/learn/Insulins">https://www.osmosis.org/learn/Insulins</a> <a href="https://www.osmosis.org/learn/Insulin">https://www.osmosis.org/learn/Insulin</a></p>

		<a href="https://www.osmosis.org/learn/Diabetes_mellitus">https://www.osmosis.org/learn/Diabetes_mellitus</a>
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	<a href="https://indiambsskills.clinicalkey.com/local/course/view.php?id=155461">https://indiambsskills.clinicalkey.com/local/course/view.php?id=155461</a>	<a href="https://www.osmosis.org/learn/Endocrine: Blood_glucose_testing_(for_nursing_assistant_training)">https://www.osmosis.org/learn/Endocrine: Blood glucose testing (for nursing assistant training)</a>

YAI_1567756993447	<a href="https://indiambssskills.clinicalkey.com/local/course/view.php?id=155263">https://indiambssskills.clinicalkey.com/local/course/view.php?id=155263</a>  <a href="https://indiambssskills.clinicalkey.com/local/course/view.php?id=155184">https://indiambssskills.clinicalkey.com/local/course/view.php?id=155184</a>	<a href="https://www.osmosis.org/learn/Diabetes_insipidus">https://www.osmosis.org/learn/Diabetes_insipidus</a>  <a href="https://www.osmosis.org/learn/Diabetes_insipidus_and_SIADH:_Pathology_review">https://www.osmosis.org/learn/Diabetes_insipidus_and_SIADH:_Pathology_review</a>
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YAI_1561126717308		<a href="https://www.osmosis.org/learn/Managing_diabetes_during_the_holidays:_Information_for_patients_and_families">https://www.osmosis.org/learn/Managing_diabetes_during_the_holidays:_Information_for_patients_and_families</a>
		<a href="https://www.osmosis.org/learn/Diabetes_mellitus">https://www.osmosis.org/learn/Diabetes_mellitus</a>

YAI\_1606899644301

YAI\_1587712284893

[https://www.osmosis.org/learn/Diabetic\\_nephropathy](https://www.osmosis.org/learn/Diabetic_nephropathy)

YAI\_1561126793874

YAI_1574325191631		<a href="https://www.osmosis.org/learn/Diabetes_inspidus">https://www.osmosis.org/learn/Diabetes_inspidus</a>
YAI_1635950971451		
		<a href="https://www.osmosis.org/learn/Hypoglycemics:_Insulin_secretagogues">https://www.osmosis.org/learn/Hypoglycemics: Insulin_secretagogues</a>

[https://www.osmosis.org/learn/Drug\\_administration\\_and\\_dosing\\_regimens](https://www.osmosis.org/learn/Drug_administration_and_dosing_regimens)

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YAI\_1567757006022

YAI_1587712229333		
		<a href="https://www.osmosis.org/playlist/V8Nsfno77kj">https://www.osmosis.org/playlist/V8Nsfno77kj</a>
		<a href="https://www.osmosis.org/playlist/H38x5LIWGck?search_term=diabetes">https://www.osmosis.org/playlist/H38x5LIWGck?search_term=diabetes</a>





Direct URLs (Deep links) to clinical case videos within OSMOSIS	Direct URLs (Deep links) to assessments within OSMOSIS	Recommended keyword/filters which gives max results
		pancreas abdominal cavity
		pancreas abdominal cavity
		insulin secretion synthesis
		blood glucose regulation insulin counter-regulatory

		diabetes mellitus complications oxidant stress
		lifestyle interventions diabetes
		diabetes mellitus investigations blood glucose insulin ketone bodies
		plasma blood glucose enzymatic glucose oxidase hexokinase

		pharmacotherapy diabetes mellitus hyperglycemia insulin oral hypoglycemics
<a href="https://www.osmosis.org/learn/Diabetes_mellitus">https://www.osmosis.org/learn/Diabetes_mellitus</a>		diabetes mellitus diagnosis classification pathology complications treatment
		diabetes mellitus investigations blood glucose insulin ketone bodies
<a href="https://www.osmosis.org/learn/Diabetes_mellitus:_Pathology_review">https://www.osmosis.org/learn/Diabetes_mellitus: Pathology_review</a>		diabetes mellitus classification type 1 type 2

		diabetes mellitus risk factors infection autoimmune
		type 2 diabetes mellitus clinical features pathogenesis epidemiology
		genetics diabetes diet
		complications short long term macrovascular microvascular
		diabetic emergencies
		type 2 diabetes mellitus clinical features pathogenesis epidemiology
		examination diabetes mellitus
		diabetic emergencies

		differential diagnosis diabetes polyuria
		diabetes mellitus investigations blood glucose insulin ketone bodies
		glucometer capillary blood glucosoe SMBG
		dipstick urine ketones rotheras
		hypoglycemia diabetic
		diabetic emergencies
		pharmacotherapy diabetes mellitus hyperglycemia inisulin oral hypoglycemics
		pharmacotherapy diabetes mellitus hyperglycemia inisulin oral hypoglycemics

		end organ damage complications diabetes
		insulin administration subcutaneous sites
		glucometer capillary blood glucose SMBG
<a href="https://www.osmosis.org/learn/Managing_diabetes_during_the_holidays:_Information_for_patients_and_families">https://www.osmosis.org/learn/Managing_diabetes_during_the_holidays:_Information_for_patients_and_families</a>		hypoglycemia diabetic
		diabetic ketoacidosis ketonuria
		hyperosmolar coma diabetes
		diabetes mellitus children adolescent
		diagnosis type 1 diabetes

		reducing substances urien dipstick
		gestational diabetes
		skin diabetes
	Preclinical Questions: <a href="https://www.osmosis.org/playlist-quiz/V8Nsfno77kj/step1/questions">https://www.osmosis.org/playlist-quiz/V8Nsfno77kj/step1/questions</a>  Clinical Questions: <a href="https://www.osmosis.org/playlist-quiz/V8Nsfno77kj/step2/questions">https://www.osmosis.org/playlist-quiz/V8Nsfno77kj/step2/questions</a>	



**Remark**

Old 8.2 is split to in describe individual glands in New 8.2, 8.3, 8.4, 8.5, 8.6; hypothalamus removed from scope

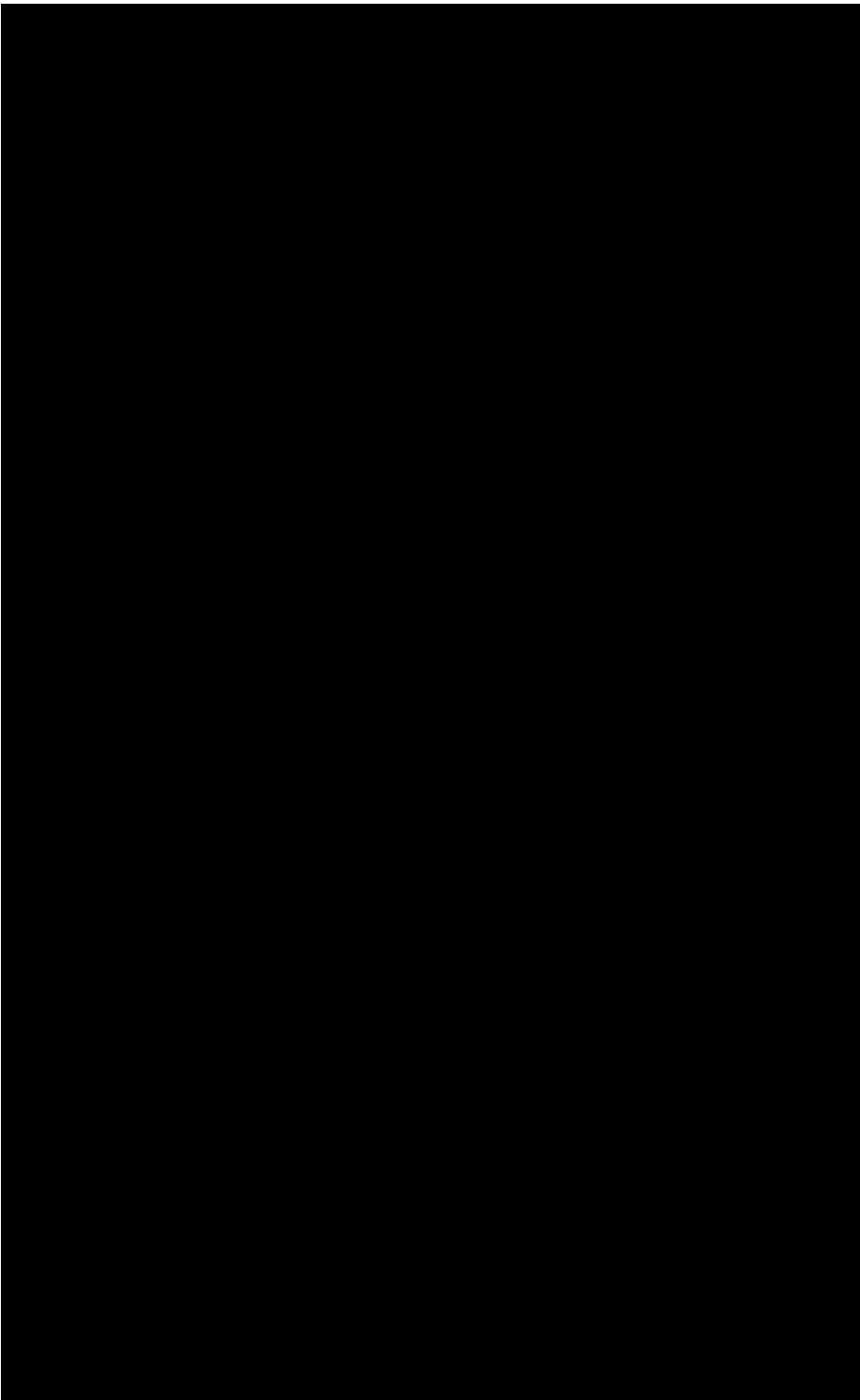
3.5 and 3.9 Merged in single competency 3.5

Competency topic changed to  
Xenobiotic, oxidative stress and  
antioxidants

Competency topic changed to  
Vitamins and Nutrition

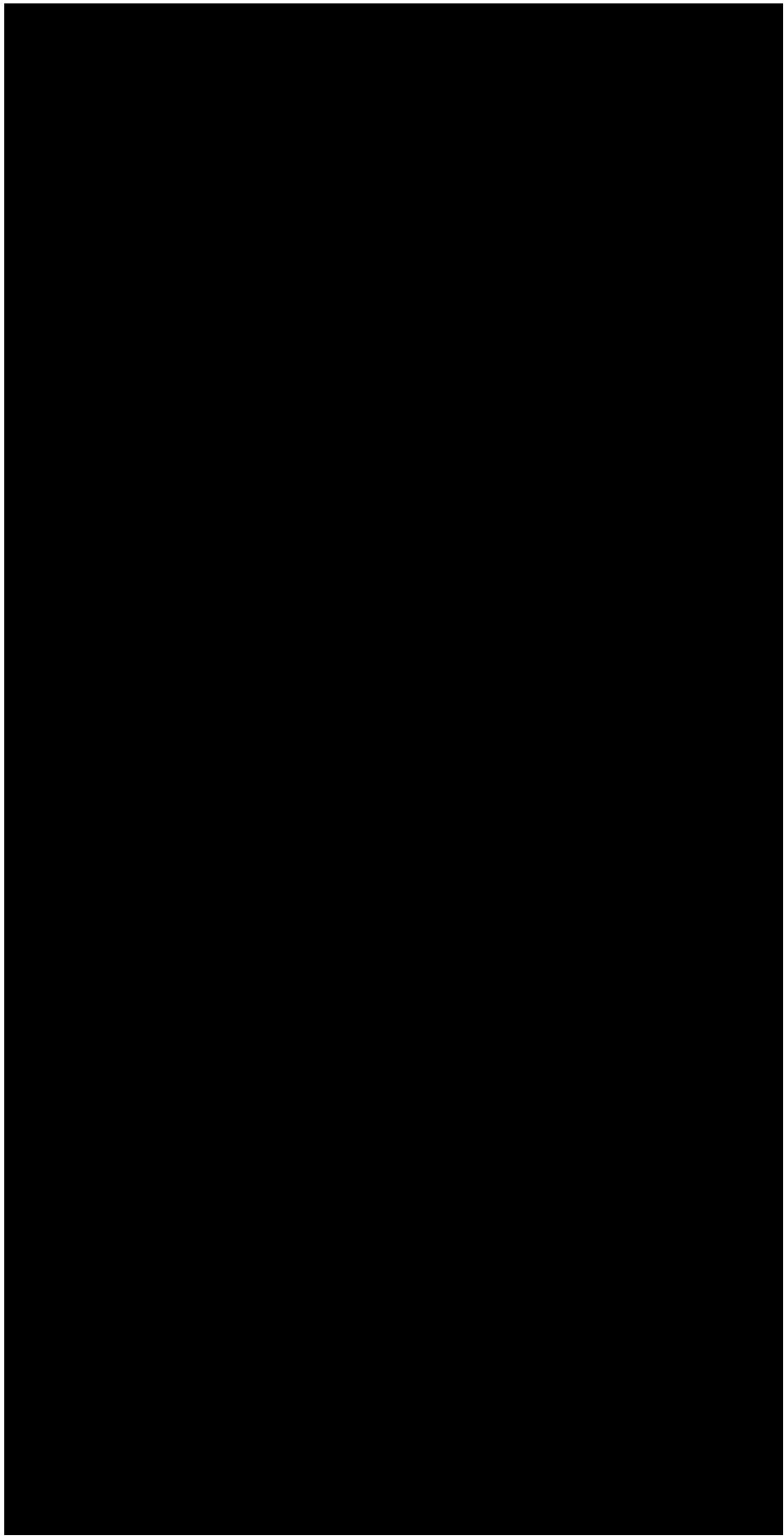
Competency number and topic  
changed to Biochemical  
Laboratory test / Practical

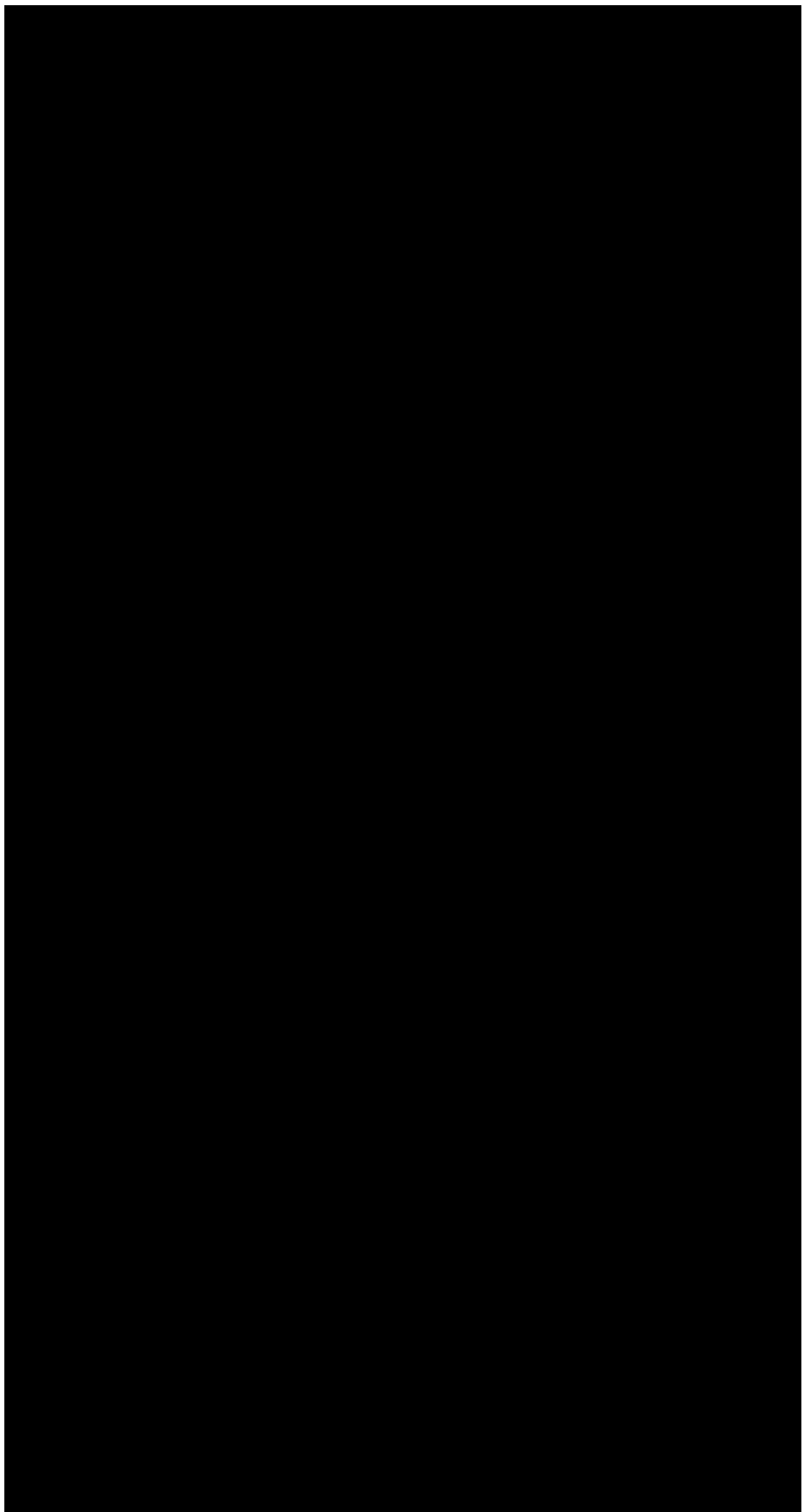
Competency number and detail  
changed



Split to PH7.1 to 7.3

Competency code changed





Reworded; remapped to 30.3

Removed

Scope expanded to include clinical features of DKA, and urine dip stick for ketone bodies. Code changed to 30.4

No such competency available (DR competencies end at DR15)

No such competency available (DR competencies end at DR15)



