

Allergology and Clin Immunology

Core curriculum for medicine students

Proposal from a Swedish consensus. Translation and additions for discussion in the Section and Board.

	Theory	Diagnosis	Treatment
Allergy/hypersensitivity and Clin Immunology	Know Principal mechanisms	Know See each disorder	Know See each disorder
"Know"= independently know and handle "Understand" = know but not independently handle	Chock organs Epidemiology Understand Allergic and non-allergic inflammation IgE – structure, function, synthesis, receptors		
Rhino-conjunctivitis, allergic and non-allergic	Know Common allergens Pollen seasons Difference allergic and non-allergic rhinitis Understand Normal physiology of upper airways Differential diagnoses	Know Clinical picture Nasal examination Understand Conjunctival and nasal provocation	Know Principals for pharmacol. treatment Selfcare Understand Specific immunotherapi
Asthma	Know Definition, prevalens, course Allergic and non-allergic asthma Common symptoms and trigger factors Understand Occupational asthma Asthma-like disorders/sensory hyperreactivity	Know Anamnesis of asthma. Clin. picture FEV1, FVC, PEF, POX, blood gases, performance and interpretation Diurnal variations in PEF Difference asthma and COPD Understand Tests of bronchial hyperreactivity Exercise tests	Know Acute pharmacologic treatment Indications for intensive care Principals for long term treatment Inhalation technique Side effects of medication Understand Patient education, self care Specific immunotherapy
Allergic skin diseases (Eczema, urticaria, angio oedema etc)	Know Allergic mechanisms, inducing factors Understand Differential diagnoses Different types of urticaria	Know Clinical pictures Understand Prick test, Epicutaneous test Complement tests	Know Acute treatment Understand Long term treatment, avoidance

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	Theory	Diagnosis	Treatment
Anaphylactic chock	<p>Know Common inducing factors Adrenaline, mechanisms of action</p> <p>Understand Pathological mechanisms</p>	<p>Know History and clinical picture Observation and controls Differential diagnoses</p> <p>Understand Investigation of genesis etc</p>	<p>Know Acute treatment with adrenaline in different routes of administration Other treatment (steroids, liquid etc) Prevention Self care (adrenaline kit, steroids)</p>
Drug allergy/hypersensitivity	<p>Know Common types of reactions</p> <p>Understand Difference between hypersensitivity, allergy and side effects Common drugs</p>	<p>Know Diagnosis from clinical picture</p> <p>Understand Provocation tests Differential diagnostics</p>	<p>Know Treatment of acute reaction</p> <p>Understand Substitutes</p>
Food allergy/hypersensitivity	<p>Know Common inducing foods Oral allergy syndrome (OAS) Foods inducing anaphylactic reactions</p> <p>Understand Nutrition aspects Differences children and adults Differential diagnoses, IBS, lactos intolerance etc</p>	<p>Know History of disease Interpretation of prick tests and specific IgE in serum</p> <p>Understand Provocation tests</p>	<p>Know Prevention/food avoidance</p> <p>Understand Food training Diet advises</p>
Immunological disorders	<p>Know Mechanism of hereditary angio oedema (HAE) Mechanisms of immuno deficient diseases Mechanism of auto-immun disorders Chronic damages</p>	<p>Understand History and clinical pictures In vitro analyses of antibodies Immunoligical tests</p>	<p>Understand Specific treatment of HAE Treatment of infections Immunoglobulin treatmet</p>

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