



Pomorski Uniwersytet Medyczny w Szczecinie

SYLABUS MODUŁU (PRZEDMIOTU)

Informacje ogólne

Kod modułu		Nazwa modułu	Clinical Allergology
Rodzaj modułu			<i>Obowiązkowy</i>
Wydział PUM			<i>Lekarski z Oddziałem Nauczania w Języku Angielskim (WLA)</i>
Kierunek studiów			Medicine
Specjalność			<i>nie dotyczy</i>
Poziom studiów			<i>jednolite magisterskie</i>
Forma studiów			<i>stacjonarne, niestacjonarne</i>
Rok studiów			<i>IV</i>
Semestr studiów			<i>blok</i>
Liczba przypisanych punktów ECTS			<i>1</i>
Formy prowadzenia zajęć			<i>seminaria/ćwiczenia</i>
Osoba odpowiedzialna za moduł			<i>prof. dr hab. med. Michał Kurek adres e-mail <allergy@pum.edu.pl></i>
Osoby prowadzące zajęcia			<i>prof. dr hab. med. Michał Kurek e-mail: allergy@pum.edu.pl dr med. Iwona Poziomkowska-Gęsicka: allergy@pum.edu.pl lek Marta Gazdowska allergy@pum.edu.pl lek Małgorzata Sokołowska: allergy@pum.edu.pl</i>
Strona internetowa			<i>http://www.pum.edu.pl/wydzialy/wydzial-lekarski/zaklad-alergologii-klinicznej</i>
Język prowadzenia zajęć			<i>English</i>

Informacje szczegółowe

Cele modułu		<p>The focus of modern allergy, are patients with manifestations of "morbid hypersensitivity". This term describes episodic or chronic symptoms caused by environmental stimuli, which are tolerated by the general population. The condition for the diagnosis of „morbid hypersensitivity” is an individual approach to each case. For this reason, the ability to use the concepts system is crucial. The aim of the module is to provide practical skills to identify the factors, that cause allergic reactions, recognition of an allergic or non-allergic mechanism, as well as the principles of causal treatment and symptomatic with particular emphasis on: atopic disease, allergic contact dermatitis, anaphylaxis and hypersensitivity caused by components of food and medicines.</p>
Wymagania wstępne w zakresie	Wiedzy	<i>Basic knowledge in the field of pathophysiology, pathology, immunology and pharmacology</i>
	Umiejętności	<i>the ability to collect intelligence, research, and patient self-formulating admission diagnoses (hypothesis); Planning diagnostic tests (checking the hypothesis); end of diagnosis and clinical decision-making (drawing conclusions)</i>

	Kompetencji społecznych	<p><i>"Knowledge of and compliance with the rules:</i></p> <p><i>a) the study of subjective and present in such a way that the patient a sense of intimacy and safety</i></p> <p><i>b) planning of diagnostic tests based on the result of the balance of expected risks and benefits (for diagnostic challenge tests)</i></p> <p><i>c) provide information to the patient on the results of research, state his health and treatment guidelines in an understandable way</i></p> <p><i>d) respect the patient's rights</i></p> <p><i>e) cooperation with all team members the range of services provided</i></p> <p><i>f) showing proper respect to all team members regardless of the nature depending on business</i></p> <p><i>g) care of the equipment and their own safety, and other members of the band "</i></p>
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Opis efektów kształcenia dla modułu (przedmiotu)			
numer efektu kształcenia	Student, który zaliczył moduł (przedmiot) wie/umie/potrafi:	SYMBOL (odniesienie do) EKK	Sposób weryfikacji efektów kształcenia (forma zaliczeń)
KL2JPW01	Knows genetic, environmental and epidemiological predisposition of most frequent diseases	K_E.W1	
KL2JPW02	knows principles for the nutrition of healthy and sick children, principles of vaccination and health balance in children	K_E.W2	

KL2JPW03	<p>knows and understands causes, symptoms, rules of diagnosis and therapeutic procedures in terms of the most frequent pediatric diseases:</p> <p>a) rickets, tetany, convulsions</p> <p>b) congenital heart diseases, inflammation of myocarditis, pericarditis and endocarditis, cardiomyopathy, cardiac arrhythmia, arterial hypertension, syncope</p> <p>c) acute and chronic diseases of upper and lower airways, congenital defects/malformations/ of respiratory tract, tuberculosis, mucoviscidosis, asthma, allergic rhinitis, urticaria, anaphylactic shock, angioneurotic edema</p> <p>d) ischemia, hemorrhagic diathesis, marrow failure, childhood cancer incl. solid tumours</p> <p>e) acute and chronic abdominal pain, vomiting, diarrhea, constipation, gastrointestinal bleeding, chronic peptic ulcer disease, non-specific enteropathy, hepatopathy, cholestasis and other acquired and congenital diseases of alimentary tract</p> <p>f) urinary tract infections, congenital malformation of urinary tract, nephrotic syndrome, nephrolithiasis, acute and chronic renal failure, acute and chronic renal inflammation, renal tract diseases, dysuria, vesicoureteral reflux</p> <p>g) abnormal growth, diseases of thyroid and parathyroid, adrenopathy, diabetes, obesity and disturbances of maturation and functions of gonads,</p> <p>h) infantile cerebral palsy, meningoencephalitis, epilepsy</p> <p>i) most frequent infantile infectious diseases j) genetic syndrome</p> <p>k) diseases of connecting tissue, rheumatic fever, adolescence arthritis, systemic lupus, dermal-muscular inflammation</p>	K_E.W3	
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KL2JPW04	<p>knows and recognizes causes, symptoms, diagnoses and therapeutic procedures with regard to the most frequent internal diseases in adults and related complications:</p> <p>a) circulatory system diseases incl.: ischemic heart disease, organic heart diseases, endocardium, myocardium and pericardium diseases, heart failure (acute and chronic), angiopathy, primary and secondary hypertension and pulmonary hypertension,</p> <p>b) respiratory tract diseases incl.: airway diseases, chronic obstructive pulmonary diseases, bronchial asthma, bronchiectasis, mucoviscidosis, respiratory tract infection, interstitial disease of lungs, pleura and mediastinum, obstructive and sleep apnea, acute and chronic respiratory failure, respiratory system neoplasm</p> <p>c) alimentary system diseases, incl.: stomatopathy, esophagus diseases, gastrosis, diseases of duodenum, enteropathy, diseases of hepatopathy, pancreasopathy, cholepathy, cholecystopathy</p> <p>d) endocrine system diseases, incl.: disorders of hypothalamus, hypophysis, thyroid, parathyroid, adrenal cortex, adrenal medulla, ovariotherapy, orchiopathy, neuroendocrine tumour disease, endocrine polyglandular syndrome, different types of diabetes and metabolic syndrome, hypoglycemia, obesity and dyslipidemia</p> <p>e) nephropathy and diseases of urinary tract incl. : acute and chronic renal failure, diseases of renal glomerules and interstitial diseases of kidneys, renal cyst, nephrolithiasis, urinary tract infections, urinary tract neoplasm, in particular bladder cancer and renal cancer</p> <p>f) diseases of hematopoietic system, incl.: panmyelophthisis, anemia, granulocytopenia and granulocytosis, trombocytopenia, acute leukemia, myeloproliferative and myelodysplastic-myeloproliferative diseases, myelodysplasia syndrome, B and T cell lymphoma, hemorrhagic diathesis, thrombophilia, life-threatening states in hematology, dyshematopoiesis in the failure of other organs</p> <p>g) rheumatic diseases, incl.: systemic connective tissue disease, systemic vasculitis arthritis of the spine, metabolic diseases of bones, in particular osteoporosis and arthrosis, uratic gout</p> <p>h) allergic diseases, incl.: anaphylaxis and anaphylactic shock, angioneurotic edema</p> <p>i) water-electrolyte and base-acid disorders: dehydration, over hydration, electrolytic equilibrium disorder, acidosis and alkalosis</p>	K_E.W7	
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KL2JPW05	knows major features, environmental and epidemiologic conditions of most frequent human skin diseases	K_W33	
KL2JPW06	knows types of biological materials used in laboratory diagnostics and rules governing sampling	K_E.W37	
KL2JPW07	knows theoretical and practical bases of laboratory diagnostics	K_E.W38	
KL2JPW08	knows and understands possibilities and limitations of laboratory examinations in emergency situations	K_W39	
KL2JPW09	lists indications for implementation of monitored therapy	K_E.W40	
KL2JPW10	defines basic pharmacological and economic concepts	K_E.W41	
KL2JPW11	Knows the concepts describing the individual and corresponding accepted "norm" how the body reacts to stimuli surrounding environment		
KL2JPW12	Knows the concepts describing the morbid hypersensitivity and its determinants, as well as the clinical symptoms of hypersensitivity allergic and non-allergic		
KL2JPW13	Knows the rules of recognition of morbid hypersensitivity allergic and non-allergic		
KL2JPW14	Knows the definition of atopy and atopic disease pathogenic factors, symptomatology its phenotypes, as well as sources of potential airborne allergens. He can critically interpret the results of modern epidemiological studies. He knows the principles of diagnosis and treatment: atopic dermatitis allergic rhinitis and conjunctivitis IgE-mediated asthma IgE-mediated allergy is not associated with atopy "		
KL2JPW15	knows the definition of allergic contact dermatitis, the main sources of potential allergens, as well as the principles of its diagnosis and treatment. He can differentiate eczema, allergic and non-allergic		
KL2JPW16	Knows the conditions of morbid hypersensitivity to the components of food as a source of potential allergens and food additives and natural substances and medicines that are not allergens. Know the related syndromes, identification rules for food ingredients that cause symptoms, diagnosis of food allergy, as well as indications for the use of elimination diets		
KL2JPW17	Knows the definition of anaphylaxis and its compounds with hypersensitivity allergic or non-allergic. He can determine the nature of the symptoms, to assess the degree of their severity and differentiate them from symptoms of other chronic diseases reactions OR. He knows the rules and indications Treatment Adrenaline, other drug use, and treatment of hypovolemic shock. He knows the rules identifying the trigger anaphylaxis, as well as the principles of prevention and individual prevention in risk groups.		

KL2JPW18	knows and distinguishes himself from the notion of "adverse event associated with medication" and "drug-induced adverse reaction", as well as the two main types of adverse reactions. Associated adverse drug reactions Type B with morbid hypersensitivity to drugs. He knows the group of drugs most commonly cause hypersensitivity reactions and related frequently symptoms. He knows the rules of recognition of drug hypersensitivity and the reporting of adverse events and reactions to the central register		
KL2JPU01	takes history interview of adult patient	K_E.U1	
KL2JPU02	takes history interview of child and its family	K_E. U2	
KL2JPU03	carries out complete and guided physical examination of adult patient	K_E.U3	
KL2JPU04	carries out physical examination of child of any age	K_E.U4	
KL2JPU05	evaluates general state, state of patient's consciousness and awareness	K_E.U7	
KL2JPU06	carries out differentiation diagnostics of most frequent diseases in adults and children	K_E.U12	
KL2JPU07	evaluates and describes somatic and mental state of patients	K_E.U13	
KL2JPU08	recognizes states representing direct threat to life	K_E.U14	
KL2JPU09	recognizes states following consumption of alcohol, narcotics and other stimulants	K_E.U15	
KL2JPU13	plans diagnostics, therapeutic and preventive procedures	K_E.U16	
KL2JPU14	analyzes possible adverse effects of certain drugs and interactions between them	K_E.U17	
KL2JPU15	suggests individualization of applicable therapeutic guidelines and other treatment methods because of ineffectiveness or contra-indications with regard to standard treatment	K_E.U18	
KL2JPU16	qualifies patients for home and hospital treatment	K_E.U20	
KL2JPU17	defines states in which treatment according to guidelines for a particular disease is limited by patients' life expectancy, functional state or preferences	K_E.U21	
KL2JPU18	interprets laboratory investigations and identifies reasons for deviations	K_E.U24	

KL2JPU19	<p>performs basic procedures and operations, incl.:</p> <ul style="list-style-type: none"> a) body temperature measurement, heart rate measurement, blood pressure measurement b) monitoring life parameters using of cardiac monitor, pulse oximetry c) spirometry, oxygen therapy, forced and replacement ventilation d) introduction of mouth-throat tube e) intravenous, intramuscular and subcutaneous injections, cannulation of peripheral veins, drawing peripheral venous blood, sampling urine culture, drawing arterial blood, drawing arterialized capillary blood f) nose, throat and skin swabs, pleural cavity puncture g) urinary bladder catheterization in women and men, passage of gastric tube into stomach, gastric lavage, enema h) standard resting electrocardiogram c/w interpretation, electrical cardioversion and defibrillation i) simple strip tests and glucose concentration measurement 	K_E.U29	
KL2JPU20	<p>assists with performing and interprets the result of the following procedures and operations:</p> <ul style="list-style-type: none"> a) transfusion of blood and blood-derivatives b) pleural cavity drainage c) heart sac puncture d) peritoneal cavity puncture e) lumbar puncture f) thin-needle biopsy g) epidermal tests h) intradermal and scarification tests 	K_E.U30	
KL2JPU21	interprets pharmaceutical specifications of medicinal products and reviews adverts regarding drugs	K_E.U31	
KL2JPU22	plans specialist consultations	K_E.U32	
KL2JPU23	recognizes agony and states death	K_E.U37	
KL2JPU24	keeps medical documentation	K_E.U38	
KL2JPU25	able to use the algorithm to recognize allergic and non-allergic hypersensitivity		
KL2JPU26	can independently perform and interpret skin tests for assessing specific hyperreactivity of the skin and the diagnosis of allergies, as well as the results of determinations of IgE		
KL2JPU27	can determine the indication and interpret the results of lung function tests		
KL2JPU28	can recognize morbid hypersensitivity reactions in patients with episodic exacerbations and chronic symptoms and determine the allergic or nonallergic mechanism		

KL2JPK01	working with the patient: a) examines providing a sense of intimacy, understanding, safety b) planning diagnostic directs the balance of expected risks and benefits c) provide information on test results, the health status and rules the proposed treatment method understandable d) is aware of patients' rights		
KL2JPK02	working in a team: a) co-operates with team members; can co-operate within a group and take different roles b) shows proper respect to all team members, regardless of Depending on the nature of the business c) cares for safety of colleagues, the environment and himself/herself		
KL2JPK03	respects patients/customers/social groups and makes decisions in their best interest		

Macierz efektów kształcenia dla modułu (przedmiotu) w odniesieniu do form zajęć								
numer efektu kształcenia	Symbol modułu lub Student, który zaliczył moduł (przedmiot) wie/umie/potrafi:	Forma zajęć dydaktycznych						
		Wykład	Zajęcia seminaryjne	Ćw. laboratoryjne	Ćw. projektowe	Ćwiczenia kliniczne	Ćwiczenia	Zajęcia praktyczne
KL2JPW01	Knows genetic, environmental and epidemiological predisposition of most frequent diseases							
KL2JPW02	knows principles for the nutrition of healthy and sick children, principles of vaccination and health balance in children							

KL2JPW03	<p>knows and understands causes, symptoms, rules of diagnosis and therapeutic procedures in terms of the most frequent pediatric diseases:</p> <p>a) rickets, tetany, convulsions</p> <p>b) congenital heart diseases, inflammation of myocarditis, pericarditis and endocarditis, cardiomyopathy, cardiac arrhythmia, arterial hypertension, syncope</p> <p>c) acute and chronic diseases of upper and lower airways, congenital defects/malformations/ of respiratory tract, tuberculosis, mucoviscidosis, asthma, allergic rhinitis, urticaria, anaphylactic shock, angioneurotic edema</p> <p>d) ischemia, hemorrhagic diathesis, marrow failure, childhood cancer incl. solid tumours</p> <p>e) acute and chronic abdominal pain, vomiting, diarrhea, constipation, gastrointestinal bleeding, chronic peptic ulcer disease, non-specific enteropathy, hepatopathy, cholestasis and other acquired and congenital diseases of alimentary tract</p> <p>f) urinary tract infections, congenital malformation of urinary tract, nephrotic syndrome, nephrolithiasis, acute and chronic renal failure, acute and chronic renal inflammation, renal tract diseases, dysuria, vesicoureteral reflux</p> <p>g) abnormal growth, diseases of thyroid and parathyroid, adrenopathy, diabetes, obesity and disturbances of maturation and functions of gonads,</p> <p>h) infantile cerebral palsy, meningoencephalitis, epilepsy</p> <p>i) most frequent infantile infectious diseases j) genetic syndrome</p> <p>k) diseases of connecting tissue, rheumatic fever, adolescence arthritis, systemic lupus, dermal-muscular inflammation</p>		X						
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KL2JPW04	knows and recognizes causes, symptoms, diagnoses and therapeutic procedures with regard to the most frequent internal diseases in adults and related complications: a) circulatory system diseases incl.: ischemic heart disease, organic heart diseases, endocardium, myocardium and pericardium diseases, heart failure (acute and chronic), angiopathy, primary and secondary hypertension and pulmonary hypertension, b) respiratory tract diseases incl.: airway diseases, chronic obstructive pulmonary diseases, bronchial asthma, bronchiectasis, mucoviscidosis, respiratory tract infection, interstitial disease of lungs, pleura and mediastinum, obstructive and sleep apnea, acute and chronic respiratory failure, respiratory system neoplasm c) alimentary system diseases, incl.: stomatopathy, esophagus diseases, gastrosis, diseases of duodenum, enteropathy, diseases of hepatopathy, pancearopathy, cholepathy, cholecystopathy d) endocrine system diseases, incl.: disorders of hypothalamus, hypophysis, thyroid, parathyroid, adrenal cortex, adrenal medulla, ovariopathy, orchiopathy, neuroendocrine tumour disease, endocrine polyglandular syndrome, different types of diabetes and metabolic syndrome, hypoglycemia, obesity and dyslipidemia e) nephropathy and diseases of urinary tract incl. : acute and chronic renal failure, diseases of renal glomerules and interstitial diseases of kidneys, renal cyst, nephrolithiasis, urinary tract infections, urinary tract neoplasm, in particular bladder cancer and renal cancer f) diseases of hematopoietic system, incl.: panmyelophthisis, anemia, granulocytopenia and		X			X			
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	<p>granulocytosis, thrombocytopenia, acute leukemia, myeloproliferative and myelodysplastic-myeloproliferative diseases, myelodysplasia syndrome, B and T cell lymphoma, hemorrhagic diathesis, thrombophilia, life-threatening states in hematology, dyshematopoiesis in the failure of other organs</p> <p>g) rheumatic diseases, incl.: systemic connective tissue disease, systemic vasculitis arthritis of the spine, metabolic diseases of bones, in particular osteoporosis and arthrosis, uratic gout</p> <p>h) allergic diseases, incl.: anaphylaxis and anaphylactic shock, angioneurotic edema</p> <p>i) water-electrolyte and base-acid disorders: dehydration, over hydration, electrolytic equilibrium disorder, acidosis and alkalosis</p>								
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KL2JPW05	knows major features, environmental and epidemiologic conditions of most frequent human skin diseases		X						
KL2JPW06	knows types of biological materials used in laboratory diagnostics and rules governing sampling		X						
KL2JPW07	knows theoretical and practical bases of laboratory diagnostics		X			X			
KL2JPW08	knows and understands possibilities and limitations of laboratory examinations in emergency situations		X						
KL2JPW09	lists indications for implementation of monitored therapy								
KL2JPW10	defines basic pharmacological and economic concepts								
KL2JPW11	Knows the concepts describing the individual and corresponding accepted "norm" how the body reacts to stimuli surrounding environment		X						
KL2JPW12	Knows the concepts describing the morbid hypersensitivity and its determinants, as well as the clinical symptoms of allergic and non-allergic hypersensitivity		X						
KL2JPW13	Knows the rules of recognition of allergic and non-allergic hypersensitivity		X			X			
KL2JPW14	Knows the definition of atopy and atopic disease pathogenic factors, symptomatology its phenotypes, as well as sources of potential airborne allergens. Able to critically interpret the results of modern epidemiological studies. He knows the principles of diagnosis and treatment: a)atopic dermatitis b)allergic rhinitis and conjunctivitis c)IgE-mediated asthma d)IgE-mediated allergy, not associated with atopy		X			X			

KL2JPW15	knows the definition of allergic contact dermatitis, the main sources of potential allergens, as well as the principles of its diagnosis and treatment. He can differentiate allergic and non-allergic eczema,		X			X			
KL2JPW16	Knows the conditions of morbid hypersensitivity to the components of food as a source of potential allergens and food additives and natural substances and medicines that are not allergens. He knows the related syndromes, identification rules for food ingredients that cause symptoms, diagnosis of food allergy, as well as indications for the use of elimination diets		X						
KL2JPW17	Knows the definition of anaphylaxis and its relationship with hypersensitivity allergic or non-allergic. He can determine the nature of the symptoms, to assess the degree of their severity and differentiate them from symptoms of other reactions or chronic diseases. He knows the indications and principles of treatment with adrenaline, use of other drugs and treatment of hypovolemic shock. He knows the rules of identifying the trigger anaphylaxis, as well as the principles of prevention and individual prevention in risk groups.		X						

KL2JPW18	Knows and distinguishes himself from the notion of "adverse event associated with medication" and "drug-induced adverse reaction", as well as the two main types of adverse reactions. Associated adverse drug reactions Type B with morbid hypersensitivity to drugs. He knows the group of drugs most commonly cause hypersensitivity reactions and related frequently symptoms. He knows the rules of recognition of drug hypersensitivity and the reporting of adverse events and reactions to the central register		X						
KL2JPU01	takes history interview of adult patient					X			
KL2JPU02	takes history interview of child and its family					X			
KL2JPU03	carries out complete and guided physical examination of adult patient					X			
KL2JPU04	carries out physical examination of child of any age					X			
KL2JPU05	evaluates general state, state of patient's consciousness and awareness					X			
KL2JPU06	carries out differentiation diagnostics of most frequent diseases in adults and children					X			
KL2JPU07	evaluates and describes somatic and mental state of patients					X			
KL2JPU08	recognizes states representing direct threat to life					X			
KL2JPU09	recognizes states following consumption of alcohol, narcotics and other stimulants					X			
KL2JPU13	plans diagnostics, therapeutic and preventive procedures					X			
KL2JPU14	analyzes possible adverse effects of certain drugs and interactions between them					X			

KL2JPU15	suggests individualization of applicable therapeutic guidelines and other treatment methods because of ineffectiveness or contra-indications with regard to standard treatment					X			
KL2JPU16	qualifies patients for home and hospital treatment		X						
KL2JPU17	defines states in which treatment according to guidelines for a particular disease is limited by patients' life expectancy, functional state or preferences		X						
KL2JPU18	interprets laboratory investigations and identifies reasons for deviations		X						

KL2JPU19									
	<p>performs basic procedures and operations, incl.:</p> <p>a) body temperature measurement, heart rate measurement, blood pressure measurement</p> <p>b) monitoring life parameters using of cardiac monitor, pulse oximetry</p> <p>c) spirometry, oxygen therapy, forced and replacement ventilation</p> <p>d) introduction of mouth-throat tube</p> <p>e) intravenous, intramuscular and subcutaneous injections, cannulation of peripheral veins, drawing peripheral venous blood, sampling urine culture, drawing arterial blood, drawing arterialized capillary blood</p> <p>f) nose, throat and skin swabs, pleural cavity puncture</p> <p>g) urinary bladder catheterization in women and men, passage of gastric tube into stomach, gastric lavage, enema</p> <p>h) standard resting electrocardiogram c/w interpretation, electrical cardioversion and defibrillation</p> <p>i) simple strip tests and glucose concentration measurement</p>					X			

KL2JPU20	assists with performing and interprets the result of the following procedures and operations: a) transfusion of blood and blood-derivatives b) pleural cavity drainage c) heart sac puncture d) peritoneal cavity puncture e) lumbar puncture f) thin-needle biopsy g) epidermal tests h) intradermal and scarification tests					X			
KL2JPU21	interprets pharmaceutical specifications of medicinal products and reviews adverts regarding drugs					X			
KL2JPU22	plans specialist consultations					X			
KL2JPU23	recognizes agony and states death		X						
KL2JPU24	keeps medical documentation		X						
KL2JPU25	able to use the algorithm to recognize allergic and non-allergic hypersensitivity					X			
KL2JPU26	can independently perform and interpret skin tests for assessing specific hyperreactivity of the skin and the diagnosis of allergies, as well as the results of determinations of IgE					X			
KL2JPU27	can determine the indication and interpret the results of lung function tests					X			
KL2JPU28	can recognize morbid hypersensitivity reactions in patients with episodic exacerbations and chronic symptoms and determine the allergic or nonallergic mechanism		X			X			

KL2JPK01	<p>working with the patient:</p> <p>a) examines providing a sense of intimacy, understanding, safety</p> <p>b) planning diagnostic directs the balance of expected risks and benefits</p> <p>c) provide information on test results, the health status and rules. the proposed treatment method understandable</p> <p>d) is aware of patients' rights</p>		X						
KL2JPK02	<p>working in a team:</p> <p>a) co-operates with team members; can co-operate within a group and take different roles</p> <p>b) shows proper respect to all team members, regardless of Depending on the nature of the business</p> <p>c) cares for safety of colleagues, the environment and himself/herself</p>		X						
KL2JPK03	<p>respects patients/customers/social groups and makes decisions in their best interest</p>		X						

Treść modułu (przedmiotu) kształcenia		
Symbol treści kształcenia	Opis treści kształcenia	Odniesienie do efektów kształcenia dla modułu
TK01	Concepts describing the individual and corresponding to the adopted standard way to respond to the stimuli surrounding environment	KL2JPW11
TK02	Concepts describing „morbid hypersensitivity” and its mechanisms and clinically significant manifestations of allergic and non-allergic hypersensitivity	KL2JPW12
TK03	Recognition „morbid hypersensitivity”. Diagnostic algorithm	KL2JPW04; KL2JPW13; KL2JPU01; KL2JPU02; KL2JPU03; KL2JPU04; KL2JPU06; KL2JPU07; KL2JPU21; KL2JPU22; KL2JPU25; KL2JPU26; KL2JPU27; KL2JPU28; KL2JPK01; KL2JPK02; KL2JPK03;
TK04	Atopic disease and its phenotypes	KL2JPW14

TK05	Phenotypes of allergic rhinitis and asthma	KL2JPW02; KL2JPW14; KL2JPU01; KL2JPU02; KL2JPU03; KL2JPU04; KL2JPU13; KL2JPU15 KL2JPU18; KL2JPU19
TK06	The phenotype of atopic dermatitis	KL2JPW05; KL2JPW14 KL2JPU01; KL2JPU02; KL2JPU03; KL2JPU04; KL2JPU13; KL2JPU15
TK07	Allergic contact dermatitis	KL2JPW05; KL2JPW15 KL2JPU01; KL2JPU02; KL2JPU03; KL2JPU04; KL2JPU06; KL2JPU07 KL2JPU13; KL2JPU15
TK08	Allergic and non-allergic food hypersensitivity	KL2JPW02; KL2JPW16 KL2JPU01; KL2JPU02 KL2JPU13; KL2JPU18
TK09	Allergic and non-allergic anaphylaxis	KL2JPW04; KL2JPW17; KL2JPU05; KL2JPU07; KL2JPU02; KL2JPU08; KL2JPU13; KL2JPU15; KL2JPU17; KL2JPU18; KL2JPU19; KL2JPU23;
TK10	Drug hypersensitivity. Adverse drug reactions Type B	KL2JPW18; KL2JPU14; KL2JPU15; KL2JPU16 KL2JPU17; KL2JPU18; KL2JPU21; KL2JPU22; KL2JPU24 KL2JPU09;

Piśmiennictwo i pomoce naukowe

- 1a. Johansson SGO, Hourihane JO`B, Bousquet J i inni: Position paper. A revised nomenclature for allergy: An EAACI position statement from the EAACI nomenclature task force. Allergy 2001; 9: 813 – 829
- 1b. Johansson SGO, Biebier T, Dahl R i inni: Revised nomenclature for allergy for global use: Report of the Nomenclature Review Committee of the World Allergy Organization, October 2003, J Allergy Clin Immunol, 2003; 113: 832-836
2. Edwards JR, Aronson JK: Adverse drug reactions: definitions, diagnosis, and management. Lancet 2000; 356: 1255-1259
3. Standardy w alergologii. Część I. Wydanie II. Stanowiska panelów ekspertów Polskiego Towarzystwa Alergologicznego (red. J Kruszewski, ML Kowalski). Medycyna Praktyczna. Kraków 2010
4. Alergia, choroby alergiczne, astma: (red. A. Fal). Medycyna Praktyczna. Kraków 2010

Nakład pracy studenta (bilans punktów ECTS)

Forma nakładu pracy studenta (udział w zajęciach, aktywność, przygotowanie sprawozdania, itp.)	Obciążenie studenta [h]		
	Nauczyciel	Student	Średnia
Godziny kontaktowe z nauczycielem			
Przygotowanie do ćwiczeń			
Czytanie wskazanej literatury			
Napisanie raportu z laboratorium/przygotowanie projektu			
Przygotowanie do egzaminu			
Inne			

Sumaryczne obciążenie pracą studenta			
Punkty ECTS za moduł			
Uwagi			

Metody oceniania np.:

E – egzamin- rozwiązanie problemu

S – sprawdzenie umiejętności praktycznych

R – raport

D – dyskusja wyników

P – prezentacja

Inne -