

## Blueprint Schwerpunktprüfung Geriatrie (Version 2011)

Medical Content Category		
A	Gerontology	
A1	Demography and epidemiology	<ul style="list-style-type: none"> <li>• Demographic development in Switzerland, Europe and USA</li> <li>• Life expectancy in Switzerland, Europe and USA compared to economically underdeveloped countries</li> <li>• Interpretation of corresponding BFS (Bundesamt für Statistik) figures for Switzerland</li> <li>• Knowledge of demographic scenarios for Switzerland</li> </ul>
A2	Psychology and sociology of aging	<ul style="list-style-type: none"> <li>• Sociological theories of aging (at least 2 different)</li> </ul>
A3	Biology and physiology of aging	<ul style="list-style-type: none"> <li>• Biological theories of aging (at least 2)</li> <li>• Skin</li> <li>• Musculoskeletal system and connective tissue disorders</li> <li>• Pulmonary system</li> <li>• Cardiovascular system</li> <li>• Gastrointestinal system and oral tract</li> <li>• Urogenital system</li> <li>• Central and peripheral nervous system</li> <li>• Hearing and visual system</li> <li>• Endocrine system</li> <li>• Immune system</li> <li>• Risk factors for accelerated aging</li> </ul>

<b>Medical Content Category</b>		
<b>B</b>	<b>Diseases in the elderly</b>	
B1	<b>Allergy</b>	<ul style="list-style-type: none"> <li>• Drug allergies</li> <li>• Other</li> </ul>
B2	<b>Cardiovascular Disease</b>	<ul style="list-style-type: none"> <li>• Atrial flutter/fibrillation</li> <li>• Cardiac failure</li> <li>• Hypertension</li> <li>• Orthostatic hypotension</li> <li>• Syncope</li> <li>• Autonomic failure</li> <li>• Other</li> </ul>
B3	<b>Dermatology</b>	<ul style="list-style-type: none"> <li>• Xerodermia</li> <li>• Pruritus</li> <li>• Malignant skin tumors (Basalioma, Spinalioma, Melanoma)</li> <li>• Bullous skin disease</li> <li>• Herpes zoster</li> <li>• Specialty of skin of the elderly (Decubitus, venous Ulcers, wound management)</li> <li>• Other</li> </ul>
B4	<b>Endocrinology</b>	<ul style="list-style-type: none"> <li>• Diabetes mellitus</li> <li>• Metabolic syndrome</li> <li>• Thyroid disorders</li> <li>• Disorders of calcium and vitamin D metabolism</li> <li>• Other</li> </ul>
B5	<b>Gastroenterology</b>	<ul style="list-style-type: none"> <li>• Constipation</li> <li>• Diarrhea</li> <li>• Colon cancer</li> <li>• Dysphagia</li> <li>• Other</li> </ul>
B6	<b>Genitourinary</b>	<ul style="list-style-type: none"> <li>• Diseases of the Prostate (carcinoma, benign prostate hypertrophy BPH)</li> <li>• Descensus of the bladder / uterus</li> <li>• Sexual dysfunction (men/women)</li> <li>• Other</li> </ul>
B7	<b>Hematology</b>	<ul style="list-style-type: none"> <li>• Decreased blood cell counts/Anemia</li> <li>• Vitamin B12, folate and iron deficiency</li> <li>• Myelodysplastic syndromes</li> <li>• Other</li> </ul>
B8	<b>Infectious Diseases</b>	<ul style="list-style-type: none"> <li>• Atypical presentation</li> <li>• Respiratory infections</li> <li>• Genitourinary infections</li> <li>• Drug-resistant/emergent infections</li> <li>• Clostridium difficile</li> <li>• Tuberculosis</li> <li>• Infections due to indwelling catheters or devices</li> <li>• Other</li> </ul>
B9	<b>Nephrology</b>	<ul style="list-style-type: none"> <li>• Electrolyte dysbalance (i.e. Hyponatremia, Hypokaliemia)</li> </ul>

		<ul style="list-style-type: none"> <li>• Chronic kidney disease</li> <li>• Other</li> </ul>
B10	<b>Neurology</b>	<ul style="list-style-type: none"> <li>• Seizures</li> <li>• Movement disorders</li> <li>• Stroke and Transient Ischemic Attacks</li> <li>• Aphasias</li> <li>• Parkinson`s disease and Parkinson Plus syndroms</li> <li>• Chronic subdural hematoma</li> <li>• Normal pressure hydrocephalus</li> <li>• Peripheral neuropathies</li> <li>• Other</li> </ul>
B11	<b>Oral Health</b>	<ul style="list-style-type: none"> <li>• Dental caries</li> <li>• Periodontal diseases</li> <li>• Candidiasis</li> <li>• Xerostomia</li> <li>• Salivary glands</li> <li>• Leukoplakia</li> <li>• Dentures</li> <li>• Nutritional deficiencies and oral health</li> <li>• Other</li> </ul>
B12	<b>Pulmonary Disease</b>	<ul style="list-style-type: none"> <li>• Chronic obstructive pulmonary disease</li> <li>• Other</li> </ul>
B13	<b>Rheumatology / Physical Medicine and Rehabilitation</b>	<ul style="list-style-type: none"> <li>• Low back pain</li> <li>• Lumbar spinal stenosis</li> <li>• Osteoarthritis</li> <li>• Osteoporosis</li> <li>• Crystal deposition disease</li> <li>• Polymyalgia rheumatica and giant cell arteritis</li> <li>• Other</li> </ul>

Medical Content Category		
<b>C</b>	<b>Geriatric Psychiatry</b>	
C1	Dementia	<ul style="list-style-type: none"> <li>• Mild Cognitive Impairment</li> <li>• Alzheimer's disease</li> <li>• Lewy body dementia</li> <li>• Fronto-temporal lobar degeneration</li> <li>• Vascular dementia</li> <li>• Dementia due to infectious diseases (Lues, HIV)</li> <li>• Prion disease</li> <li>• Medication-induced cognitive dysfunction</li> <li>• Reversible dementia syndromes</li> <li>• Diagnostic and management of dementia related symptoms (agnosia, aphasia, apraxia, aggression, agitation, wandering)</li> </ul>
C2	Depression	<ul style="list-style-type: none"> <li>• Depression</li> </ul>
C3	Anxiety	<ul style="list-style-type: none"> <li>• Anxiety disorder</li> <li>• Fear of falling</li> </ul>
C4	Schizophrenia, psychosis, hallucinations	
C5	Alcohol and substance abuse	

Medical Content Category		
<b>D</b>	<b>Geriatric Syndromes</b>	
D1	Delirium	
D2	Dizziness / lightheadedness	
D3	Falls and gait disorders	
D4	Sensory loss	
D5	Ophthalmology other than vision loss	
D6	ENT (ear, nose, throat) other than hearing loss	
D7	Incontinence	
D8	Consequences of immobility	
D9	Sleep disorders	
D10	Acute and chronic pain in older persons	
D11	Malnutrition	
D12	Frailty	<ul style="list-style-type: none"> <li>• The frailty concept</li> <li>• Definition and diagnosis of the frailty syndrome</li> <li>• Management of the frailty syndrome</li> </ul>
D13	Multimorbidity	<ul style="list-style-type: none"> <li>• Definition of multimorbidity</li> <li>• Impact of multimorbidity on patient management</li> </ul>
D14	Management of chronic disorders and of Geriatric Syndromes (multidimensionality)	

Medical Content Category		
<b>E</b>	<b>Gerontopharmacology</b>	
E1	Age-related changes	<ul style="list-style-type: none"> <li>• Pharmacokinetic/-dynamic</li> </ul>
E2	Adverse Drug Events (ADE)	
E3	Prescribing principles, compliance	<ul style="list-style-type: none"> <li>• Inappropriate medications in old persons</li> </ul>
E4	Drug Interactions	
E5	Complementary and alternative medications	
E6	Polypharmacy	

Medical Content Category		
<b>F</b>	<b>Functional Assessment and Rehabilitation</b>	
F1	Conceptual models of disablement disability	
F2	Screening for and assessment of	<ul style="list-style-type: none"> <li>• ADL, IADL</li> <li>• Disability</li> <li>• Cognition</li> <li>• Depression / Mood</li> <li>• Delirium</li> <li>• Hearing</li> <li>• Visual system (including macular degeneration)</li> <li>• Pain</li> <li>• Gait/Balance, Mobility</li> <li>• Nutrition and Malnutrition</li> <li>• Incontinence</li> <li>• Social network</li> </ul>
F3	Aspects of rehabilitation	<ul style="list-style-type: none"> <li>• Identification of rehabilitation potential in geriatric patients</li> <li>• Knowledge of relevant rehabilitation settings for geriatric patients</li> <li>• Effects of geriatric rehabilitation</li> <li>• ICF and other models of rehabilitation</li> <li>• Impairment, activity and participation</li> <li>• Disability</li> <li>• Management of the interdisciplinary team</li> <li>• Assistive devices</li> <li>• Adaptive equipment</li> <li>• Therapeutic modalities</li> <li>• Orthotics</li> <li>• Prosthetics</li> <li>• Environmental modifications</li> </ul>
F4	Rehabilitation settings	
F5	Insurance issues	

Medical Content Category		
<b>G</b>	<b>Caring for the elderly</b>	
G1	Preventive medicine	<ul style="list-style-type: none"> <li>• Screening</li> <li>• Immunization</li> <li>• Role of exercise</li> </ul>
G2	Economic aspects of health care	
G3	Healthcare delivery systems	
G4	Ethical principles of care	<ul style="list-style-type: none"> <li>• SAMW Guidelines</li> </ul>
G5	Caregiver and family concerns	
G6	Cultural aspects of aging	
G7	End-of-life and palliative care	<ul style="list-style-type: none"> <li>• Pain</li> <li>• Nausea</li> <li>• Constipation</li> <li>• Dyspnea</li> <li>• Terminal rales</li> <li>• Kachexia, Asthenia</li> <li>• Delirium</li> <li>• Depression</li> <li>• Sleep disorders</li> <li>• Mobility</li> <li>• Sedation</li> <li>• Singultus</li> <li>• Fluid management</li> <li>• Anxiety</li> <li>• Reanimation</li> <li>• Support of the family</li> </ul>
G8	Elder mistreatment	
G9	Long time care	<ul style="list-style-type: none"> <li>• Nursing homes, SPITEX</li> </ul>
G10	Financial management and support of old persons	
G11	Legal aspects of caring for the elderly	<ul style="list-style-type: none"> <li>• Guardianship, medical power of attorney, living wills</li> <li>• The older driver</li> <li>• Commitment to an institution</li> <li>• Actively and passively assisted suicide</li> <li>• Use of physical restraints</li> </ul>