

UNIVERSITY CLINIC / HOSPITAL STATEMENT

This form should be completed, signed and stamped by an authorized representative of the accredited University / Medical School of any EU Member State, Norway, Switzerland or USA, providing the practice placement as part of the medical training.

1. STUDENT DETAILS

Neptun ID^{(1)*}: _____

Name*: _____

Place and date of birth*: _____

2. DETAILS OF THE STATE-RECOGNIZED INSTITUTION PROVIDING THE PRACTICE PLACEMENT

Name*: _____

Full address*: _____

Website: _____

DETAILS OF THE STATE ACCREDITATION DOCUMENT

Number*: _____

Date of accreditation*: _____

As the authorized representative of the above-named accredited Institution providing the practice placement, I hereby declare that the data included in this document are true and correct in every respect.

I hereby declare that our Institution is able to ensure the acquirement of the skills in the field of
.....^{(2)*}

subject/subjects defined in the competence list in the appendix Nr.3. of the 2010/10/VI. MAB⁽³⁾ order.

Name* (capital letters): _____

Title / Position*: _____

Organizational unit: _____

Date*: _____

Institution stamp

Signature*

Head of Department

Comments:

* – Required fields;

⁽¹⁾ – Neptun is a student registration system, and Neptun ID is the student's individual code at Semmelweis University;

⁽²⁾ – Name of the specialty (e.g., Infectology in Internal Medicine, Surgery);

⁽³⁾ – MAB is The Hungarian Accreditation Committee (<https://www.mab.hu/>).

Competence list required for obtaining the M.D. degree at Hungarian Medical Schools

(University of Debrecen, Faculty of Medicine, University of Pécs, Faculty of Medicine, Semmelweis University of Budapest, Faculty of Medicine or University of Szeged, Faculty of Medicine)

Required level of knowledge: Theoretical knowledge (TK) Seen (S) Participated (P)

Skills for each specialization	Level	Skills for each specialization	Level
Obstetrics-gynecology skills		Preconceptional education	TK,S,P
<i>Physical examinations</i>	TK,S,P	Early pregnancy risk assessment	TK,S
History of previous illness	TK,S,P	Biochemical screening for anuopoidy	TK
General physical examination	TK,S,P	Serological screening in pregnancy	TK
Examination of the external organs	TK,S,P	Haematological screening in pregnancy	TK
Examination with speculum	TK,S,P	Screening for diabetes in pregnancy	TK,S
Bimanual examination	TK,S,P	Estimated date of delivery by Naegele's method	TK,S,P
Rectal examination	TK,S,P	Correction of the EDD by Naegele's method according to the length of cycle	TK,S,P
Rectovaginal examination	TK,S,P	EDD according to CRL	TK,S,P
Amin-probe	TK,S,P	EDD according to the first fetal movement	TK,S,P
Vaginal PH-measurement	TK,S,P	Examination in early pregnancy	TK,S,P
Mikroskopic smear examination	TK,S,P	Counselling on diabetes	TK,S
Cervical sampling	TK,S,P	Counselling with positive haematological screening result	TK,S
Onkocitologic sampling	TK,S,P	Counselling with positive blood-group serological screening test	TK,S
Colposcopic examination	TK,S,P	Counselling with positive lues serology screening result	TK
Abdomial-pelvic ultrasound examination	TK,S	Examination in 2nd and 3rd trimesters	TK,S,P
Vaginal ultrasound examination	TK,S	Leopold-maneuvers	TK,S,P
Curettage	TK,S	Determine lie and presentation by abdominal examination	TK,S,P
Abortion	TK,S	Determine gestational age by measuring sy-fu distance	TK,S,P
Surgical abortion	TK,S	Determine gestational age by measuring abdominal circumference	TK,S,P
Endometric-aspiration	TK	Auscultation of fetal heart sounds	TK,S,P
Diagnostic laparoscopy	TK	Defining cervical-index	TK,S,P
Infertility work-up	TK,S	Performing and evaluating of CTG	TK,S,P
Basal-temperature measurements and evaluation	TK,S,P	Performing and evaluating of NST	TK,S,P
Physical examination of the cervical secretion	TK,S,P	Ultrasound examination in early pregnancy	TK,S
Postcoital-test execution and evaluation	TK,S	Amniocentesis	TK
Hysterosalpingography	TK	Ultrasound examination in midterm pregnancy	TK,S
Chromohydrotubatio	TK	Chorionic biopsy	TK
Self breast examination- education	TK,S,P	Ultrasound examination in 3rd trimester	TK,S
Diaphragm insertion	TK	Evaluating of oxytocin contraction test	TK,S
Foley-catheter insertion	TK,S,P	Observation patient during labour	TK,S,P
Cervical electrocoagulation	TK	Obstetrical physical examination	TK,S,P
Operative laparoscopy	TK,S	Bishop-score calculation	TK,S,P
Counselling on contraception	TK,S,P	Rupture of the amniotic-sac	TK
IUD insertion	TK,S	Perineal protection methods	TK,S
Laparoscopic sterilization	TK	Anaesthesia of the perineum	TK,S
Obstetrics		Epidural anaesthesia	TK,S

Skills for each specialization	Level	Skills for each specialization	Level
Episiotomy	TK,S	Blood group analysis	TK,S
First duties with the newborn	TK,S	Stool examination macroscopically	TK,S
Suction of the newborn's nose and pharynx	TK,S	Examination of the epiglottis with laryngoscope	TK,S
Apgar staging	TK,S,P	Preparing an EKG, evaluation	TK,S
Conduction of the placental stage	TK,S	Blood sampling from fingerstick	TK,S
Examination of the placenta and the umbilical cord	TK,S,P	Blood sampling by venous approach	TK,S
Calculating the blood loss during delivery	TK,S	Blood-gas analysis	TK,S
Suturing the episiotomy	TK,S	We preparing	TK,S
Delivery induction with medications	TK,S	Po. medication administration	TK,S
Spontaneous vaginal delivery conduction	TK,S	Suppository administration	TK,S
Fetal scalp blood sampling	TK	Ic. injection (Mantoux) administration	TK,S
Instrumental delivery	TK,S	Sc. injection administration	TK,S
Caesarean-section	TK,S	Im. injection administration	TK,S
Physical examination in puerperium	TK,S,P	Iv. injection administration	TK,S
Paediatric skills		Infusion administration, assembling	TK,S
Acquiring history from parents	TK,S,P	Evaluation of the function of VP shunt	TK,S
Infant bathing, changing diapers and clothes	TK,S	Neuroevolutionary examination on infants	TK,S
Feeding the infant (also with feeding-bottle)	TK,S	Habilitational training for infants	TK,S
Preparing the infant's vegetables	TK,S	Detecting the stage of dehydration	TK,S,P
Preparing the formula (infant nutrition)	TK,S	Repositioning inguinal and umbilical hernia	TK,S
Calculations of infant's calorie-needs	TK,S,P	Inserting Foley's-catheter	TK,S,P
Measurements of weight, length, chest- and head-circumference in infants	TK,S,P	Gastric lavage	TK,S
Use of percentile-tables and evaluation	TK,S,P	Administrating enema	TK,S,P
Body-surface calculation	TK,S,P	Po. and parenteral rehydration planning	TK,S,P
Temperature measurements in infants	TK,S,P	Preparing the plan for correction of electrolyte and acid-base disturbances	TK,S,P
Applying cooling bath	TK,S	Applying digitalis	TK,S,P
Umbilical cord management in newborns	TK,S	Treatment of status asthmatics (life threatening exacerbation of bronchial asthma)	TK,S,P
Local treatment of oral sore	TK,S,P	Treatment of status epileptics (life threatening exacerbation of seizure)	TK,S,P
Evaluation of mental and motoric development	TK,S,P	Preparing the plan for antibiotic treatment	TK,S,P
Use of Dubowitz-score	TK,S,P	Differential diagnosis of furred-throat	TK,S
Use of Apgar-score	TK,S	Differential diagnosis of infectious diseases with exanthemas	TK,S
Use of RDS-score	TK,S	Growth hormone test evaluation	TK
Physical examiantion of the newbrons and prematures	TK,S,P	Evaluation of glucose tolerance test	TK,S,P
Physical examiantion of the infant	TK,S,P	Evaluation of the chest x-ray in newborns	TK,S
Physical examiantion of the children	TK,S,P	Evaluation of the chest x-ray in pneumonia	TK,S
PB measuring on infant	TK,S	Lumbal-puncture, analysis of liquor	TK
BP measuring on children	TK,S	Puncture of the ventricles	TK
Documenting ambulatory patients	TK,S	Intubation	TK
Filling the chart	TK,S	CPR	TK
Continuous upgrade of the flow-chart	TK,S	Setting parameters for mechanical ventilation	TK
Urine examination with test-tube probe and stix	TK,S,P	Intensive monitoring	TK
Examination of the urine sediment	TK,S,P	Catheteresation of umbilical vein or artery	TK
WBC, PLT counting	TK	Transfusion	TK
Qualitative blood analysis	TK,S	Diagnosis and treatment of pneumothorax	TK
Performing reticulocyte-count	TK	Haemodialysis	TK

Skills for each specialization	Level	Skills for each specialization	Level
Plasmaferesis	TK	Preparation of the surgical area	TK,S
Haemoperfusion	TK	Surgical scrub-in and clothing	TK,S,P
Coronary angiography	TK	Infiltrational anaesthesia	TK,S
Biopsy of the intestines	TK	Conductive anaesthesia	TK,S
Bone-marrow puncture	TK	Incision and drainage	TK,S
Foreign body removal with bronchoscope	TK	Management of infected, necrotic wound	TK,S
Inserting central venous canule	TK	Closure	TK,S,P
CVP measurements	TK	Stich removal	TK,S,P
Cranial ultrasound examination	TK,S	Management of burns	TK,S
Abdominal ultrasound examination	TK,S	Applying pressure-bandage	TK,S,P
Echocardiography	TK,S	Reuniting closed fractures	TK,S
Fluoroscopy of the thorax for detecting foreign bodies	TK	Fracture stabilization	TK,S,P
Evaluation of irrigoscopic examination	TK	Reduction of dislocation	TK,S
Evaluation of brain CT	TK	Tranziens fixation of broken extremities	TK,S
Evaluation of cystography	TK	Cauterisation of the nail-bed	TK,S
Evaluation of urography	TK	Nail-removal	TK,S
Evaluation of gastro-intestinal passage	TK	Insertion of nasogastric tube	TK,S,P
EEG analysis	TK	Insertion of Foley's catheter in men	TK,S,P
Surgery skills		Insertion of Foley's catheter in women	TK,S,P
Physical examination	TK,S,P	Suprapubic catheterisation	TK,S
General physical examination	TK,S	Managing/care of stomas	TK,S
Rectal examination	TK,S,P	Enema	TK,S,P
Filling the death certificate	TK,S,P	Sclerotic treatment of varices via injection	TK
Examination of patients with varices		Venous-cannulating	TK,S,P
Trendelenburg-test	TK,S,P	Pain management	TK,S
Perthes-test	TK,S,P	Assisting surgical procedures	TK,S,P
Examination of patients with peripheral vascular disease		Psychiatry skills	
Postural-test	TK,S,P	Acquiring psychiatric history, general	TK,S,P
Reactive hyperaemia test	TK,S,P	Acquiring psychiatric history, analyzing life-story	TK,S,P
Capillary refill test	TK,S,P	Acquiring psychiatric history, social background	TK,S,P
Examination of abdominal wall hernia		Acquiring psychiatric history based on heteroanamnestic data	TK,S
Examination of the inguinal region during increased abdominal pressure	TK,S,P	Evaluation sense/consciousness	TK,S,P
Palpation of hernias	TK,S,P	Evaluation of realization/cognition	TK,S,P
Traumatology		Evaluation of orientation	TK,S,P
First-aid	TK,S,P	Evaluation of intelligence	TK,S
Evaluation of the mental-stage/orientation with the Glasgow-score	TK,S,P	Evaluation of memory	TK,S,P
External chest compression	TK,S,P	Evaluation of thought processes	TK,S,P
Oro-oral and oro-nasal ventilation	TK,S,P	Evaluation of mood	TK,S,P
Ventilation with mask	TK,S,P	Evaluation of the expression of moods/affect	TK,S,P
Intubation	TK,S,P	Evaluation of behaviour	TK,S,P
Evaluating and management of external wounds	TK,S,P	Evaluation of affection/desire	TK,S,P
Termination of bleeding	TK,S,P	General impression of the patient, detailed	TK,S,P
Transportation of trauma-patient	TK,S,P	Recognition of the personal reactions induced by the patient itself	TK
Heimlich-manoevre	TK,S,P	Evaluation the risk of committing suicide	TK,S
Transient fixating bandage of traumatic part of body		Revealing problems with the cooperation of the patient	TK,S,P

Skills for each specialization	Level	Skills for each specialization	Level
Revealing problems with the cooperation of the patient and his/her partner	TK,S	Examination of the 12th cranial nerve	TK,S,P
Revealing problems with the cooperation of the family	TK,S,P	Examination of the muscle tone	TK,S,P
Revealing problems in the situation of crisis	TK,S	Examination of the muscle strength	TK,S,P
Revealing problems after suicide attempt	TK,S	Examination of latent paresis	TK,S,P
Revealing problems in groups	TK,S	Examination of involuntary movements	TK,S,P
Presenting psychiatric problems to colleagues	TK,S,P	Examination of tactile sensation	TK,S,P
Evaluation of MMSE	TK,S,P	Examination of pain sensation	TK,S,P
Family visit	TK	Examination of temperature sensation	TK,S,P
Psychological examination	TK,S	Examination of vibration sensation	TK,S,P
Recurring pattern recognition and interpretation	TK	Examination of joint position sensation	TK,S,P
Making the diagnosis based on the BNO and DSM IV-TR criteria	TK,S,P	Examination of dermolexia and stereognosis	TK,S,P
Indications for admission to psychiatry ward	TK,S	Examination of deep reflexes (biceps, triceps, radius, ulna, patella, Achilles)	TK,S,P
Attending consults	TK,S,P	Examination of superficial reflexes	TK,S,P
Occupational therapy	TK,S	Examination of pyramidal signs	TK,S,P
Play therapy	TK,S	Examination of liberation signs	TK,S,P
Creative therapy	TK,S	Examination of coordination, finger-nose and heel-knee test	TK,S,P
Electroconvulsive therapy	TK,S	Romberg position	TK,S,P
Consulting	TK,S	Examination of blind walking	TK,S,P
Behavioural therapy	TK	Examination of rebound phenomenon	TK,S,P
Psychotherapy	TK	Examination of dysdiadochokinesis	TK,S,P
Applying sleep-deprivation	TK	Examination of incontinence and retention	TK,S,P
Pharmacotherapy	TK,S	Examination of sudomotor activity	TK,S,P
Psychopharmacotherapy	TK,S	Examination of consciousness level - Glasgow-coma scale	TK,S,P
Applying psychopharmacotherapy	TK,S	Examination of recalling the patient's personal data, orientation in space and time	TK,S,P
Recognition and management of drug interactions and side-effects	TK,S	Examination of mood, perception and cognition	TK,S,P
Recognition of intoxications	TK,S	Examination of aphasia, alexia, acalculia, agraphia, apraxia	TK,S,P
Recognition of somatic disease causing psychiatric symptoms	TK,S	Examination of memory - MMSE (mini mental state examination)	TK,S,P
Neurological skills		Differential diagnosis of disturbed consciousness	TK,S,P
History	TK,S,P	Complex examination of patient with trauma	
Examination of the meningeal signs	TK,S,P	Lumbal puncture	TK,S
Examination of the 1st cranial nerve	TK,S,P	Cranial and spine X-ray	TK,S
Examination of the 2nd cranial nerve	TK,S,P	Cranial and spine CT, CTA	TK,S
Examination of the 3rd cranial nerve	TK,S,P	Cranial and spine MRI, MRA	TK,S
Examination of the 4th cranial nerve	TK,S,P	Myelography	TK,S
Examination of the 5th cranial nerve	TK,S,P	Duplex carotid ultrasound	TK,S
Examination of the 6th cranial nerve	TK,S,P	Transcranial Doppler ultrasound	TK,S
Examination of the 7th cranial nerve	TK,S,P	EEG analysis	TK,S
Examination of the 8th cranial nerve	TK,S,P	Polysomnography	TK,S
Examination of the 9th cranial nerve	TK,S,P	EMG, ENG	TK,S
Examination of the 10th cranial nerve	TK,S,P	VEP, BAEP, SSEP, MEP	TK,S
Examination of the 11th cranial nerve	TK,S,P	Examination of the liquor, cell-count, Pándy, modern examinations, ELFO	TK,S

Skills for each specialization	Level	Skills for each specialization	Level
Muscle, nerve, and brain biopsy	TK,S	Echocardiography	TK,S
Micro- and macroscopical neuropathological examinations	TK,S	CT	TK,S
Internal medicine skills		MRI	TK,S
History		PET-CT	TK,S
Family	TK,S,P	Isotope examinations, scintigraphy	TK,S
Social	TK,S,P	Angiography	TK,S
Self-history	TK,S,P	Gastroscopy	TK,S
Previous illness	TK,S,P	Colonoscopy	TK,S
Present symptoms (evaluation of symptoms, i.e. change in the habit of defecation, loss of weight, wakness, shortness of breath, fever, etc, listing the diagnostic methods needed to reveal causes/disease)	TK,S,P	Other invasive instrumental examinations (i.e. ERCP, bone marrow and liquor sampling)	TK,S
Evaluation of the condition of the patient by Karnovsky	TK,S,P	Labs	
Knowledge/ideas required for up-to-date medical therapy		CBC (automatic)	TK,S
The use of electronic databases (i.e. MedSol, Cochrane, PubMed)	TK,S,P	(qualitative)	TK,S,P
English and/or German fluency (medical, general)	TK,S,P	Urine (test-strip and sediment examination, evaluation)	TK,S,P
Physical examination		Stool bensidine (examination, evaluation)	TK,S,P
General Physical examination	TK,S,P	Kidney function	TK,S
Examinations of the stature	TK,S,P	Liver function	TK,S
Weight, height, BMI and body surface calculation	TK,S,P	Endocrine function (thyroid, adrenal cortex- and medulla, pancreas, hypophysis, etc)	TK,S
Examination of the skin	TK,S,P	Glucose metabolsim (serum glucose, HbA1c, frucosamin, glucose tolerance tests)	TK,S
Examination of the visible mucus	TK,S,P	Blood-gas analysis	TK,S
Examination of the thorax	TK,S,P	Inserting Foley's-catheter	TK,S,P
Examination of the heart (palpation, percussion, auscultation)	TK,S,P	Examination of the electrolyte and acid-base system	TK,S
Examination of the lungs (percussion, auscultation)	TK,S,P	Investigations for infectious conditions (i.e. haemoculture, serology, PCT, etc)	TK,S
Examination of the thyroid glands (palpation)	TK,S,P	Regular labs (i.e. We)	TK,S
Examination of the breasts	TK,S,P	Haemostasis (screening tests, thrombophily, haemorrhagic diseases, thrombocyte function)	TK,S
Examination of the abdomen	TK,S,P	Bleeding time	TK,S,P
Examination of the liver (percussion, palpation)	TK,S,P	Interventions	
Examination of the spleen (percussion, palpation)	TK,S,P	Arterial bloodless BP measurement	TK,S,P
Rectal examination (manual)	TK,S,P	Im, sc, iv injection	TK,S,P
Examination of the extremities	TK,S,P	Blood drawing	TK,S,P
Examination of the circulation	TK,S,P	Enema	TK,S,P
Detecting pulse qualities	TK,S,P	Intubation	TK,S,P
Palpation of the radial, dors. ped., post. tib. and femoral arteries	TK,S,P	CPR	TK,S,P
Examination of the oral cavity (without equipment)	TK,S,P	Setting the parameters for mechanical ventilation	TK,S
Basic neurological examination (i.e. Romberg, reflexes)	TK,S,P	Biopsy (i.e. intestines, stomach, crista) and its contraindications, knowledge of preprocedural tests for conducting safe procedure	TK,S
Mental-state evaluation	TK,S,P	Bronchoscopy	TK,S
Instrumental, imaging techniques		Haemodialysis	TK,S
BP measuring	TK,S,P	Filling the death certificate	TK,S
EKG (12-lead)	TK,S,P	Declaration of death	TK,S
Chest X-ray	TK,S	Therapeutic skills	
Ultrasound (cervical, abdominal, soft-tissue, color Doppler)	TK,S	Consultsúing, "education" (ie. diabetes, thrombosis, haemophilia, hypertension)	TK,S,P

SEMMELWEIS UNIVERSITY

Skills for each specialization	Level	Skills for each specialization	Level
Being familiar with diets, consulting	TK,S,P	Dermatology skills	
Nursing patient with disability of self-care	TK,S,P	History	TK,S,P
Nursing skills (i.e. changing diapers, assistance with food intake)	TK,S,P	Physical examination	TK,S,P
Signing the informed consent	TK,S,P	Identifying of basic dermatological changes and giving precise description	TK,S,P
Managing allergic reaction	TK,S,P	Differentiation of the most common dermatological diseases (papulosquamosus, allergic, bacterial, fungal, viral, STD, autoimmune, vesicular, vascular diseases)	TK,S,P
Recognition of medication side-effects, overdose	TK,S	Fungal examination	TK,S
Preparing discharge summary	TK,S	Applying skin tests for identifying allergies	TK,S
Being familiar with the most common medications	TK,S	Performing light-probe (MED)	TK
Blood product injection (transfusion, etc.)	TK,S	Use of topical medications	TK,S,P
Preparing therapeutic and diagnostic plans	TK,S,P	Moist-bandage application	TK,S,P
Joint/associate specialties skills		Ulcer bandage	TK,S
Ear-Otolaryngology		Dental and oral diseases	
Performing conicotomy in situations with acute suffocation due to upper respiratory tract stenosis	TK,S	Oral and head/neck region examination	TK,S,P
Oncology		Identifying pathological alterations of the oral, head and neck regions	TK,S,P
Thoracic tap	TK,S,P	Introducing the examination, treatment and follow-up plans	TK,S
Examination of the kidneys	TK,S,P	Counselling, education, screening	TK,S
Examination of the lymphoid glands	TK,S,P	Tooth extraction	TK,S,P



UNIVERSITY CLINIC / HOSPITAL STATEMENT- Form Filling Guide

This form should be completed, signed and stamped by an authorized representative of the accredited Medical School of any EU Member State, Norway, Switzerland or USA, providing the practice placement as part of the medical training.

1. STUDENT DETAILS

Neptun ID^{(1)*}: **XXXXXX**

Name*: **JOHN SMITH**

Place and date of birth*: **Canada, Quebec, 24 May 1991**

2. DETAILS OF THE STATE-RECOGNIZED INSTITUTION PROVIDING THE PRACTICE PLACEMENT

Name*: **Sahlgrenska University Hospital**

Full address*: **Sahlgrenska Universitetssjukhuset, 413 45 Göteborg, Sweden**

Website: **<https://www.sahlgrenska.se/>**

DETAILS OF THE STATE ACCREDITATION DOCUMENT

Number*: **XXXXXX**

Date of accreditation*: **15 May 2001**

As the authorized representative of the above-named accredited Institution providing the practice placement, I hereby declare that the data included in this document are true and correct in every respect.

I hereby declare that our Institution is able to ensure the acquirement of the skills in the field of

.....^{(2)*}

subject/subjects defined in the competence list in the appendix Nr.3. of the 2010/10/VI. MAB⁽³⁾ order.

Name* (capital letters): **Professor Doctor**

Title / Position*: **Head of Department of Internal Medicine**

Organizational unit: **Some Clinic**

Date*: **1 March 2022**

Institution stamp

XXXX

Place of the stamp

Signature*
Head of Department

Comments:

* – Required fields;

⁽¹⁾ – Neptun is a student registration system, and Neptun ID is the student's individual code at Semmelweis University;

⁽²⁾ – Name of the specialty (e.g., Infectology in Internal Medicine, Surgery);

⁽³⁾ – MAB is The Hungarian Accreditation Committee (<https://www.mab.hu/>).