

Assessing functional outcomes after treatment of head and neck cancer –
 Recommendations of an interdisciplinary expert committee (as of Oct 2011)

	RECOMMENDATIONS FOR THERAPY EVALUATION / PLANNING*
DIETARY INTAKE	Change in body weight (kg, BMI)
	Clinical evaluation gastric tube, PEG, parenteral nutrition
	Clinical evaluation dental status
	Nutritional Risk Score (NRS)¹
	Bogenhausener Dysphagiescore ²
	Penetration Aspiration Scale ³
	Schluckbeeinträchtigungsskala according to Prosielgel ⁴
PSYCHO-SOCIAL ISSUES	EORTC QLQ-C30⁵ – Symptom Scale Fatigue (items 10, 12, 18)
	Social Score – extended version⁶
	Hospital Anxiety and Depression Scale – HADS ^{7, 8}
	Mini-Mental-State-Examination – MMSE ⁹
	Münchener Composite International Diagnostic Interview (Version 2.2 /2/95) – MCIDI ¹⁰
PAIN	Numerical Rating Scale Pain (Scale 0-10)¹¹
VOICE SPEAKING BREATHING	Clinical evaluation tracheostomy, cannula care
	Dysphonia Severity Index – DSI ¹²
	Voice Evaluation Protocol of the European Laryngological Society (ELS) ¹³
	Voice Handicap Index – VHI ^{14, 15, 16}
	Acoustic Measurements
THERAPY CONTROL	Common Terminology Criteria for Adverse Events – CTCAE¹⁷ (e.g. mucosa, hair, skin, xerostomia, lymphedema, taste)
	Eastern Cooperative Oncology Group (ECOG) Performance Status Scale¹⁸
	Endoscopy (rigid and flexible, optics 30°, 70°, 90°)
	Results from imaging and photo-documentation (panendoscopy (incl. tracheoscopy and oesophagoscopy), B-Scan, X-ray, CT, MRT, PET, etc.)
	EORTC Quality of Life Questionnaire-C30 ⁵ and H&N35 ^{19, 20}
FURTHER ORGANIC PROBLEMS	Lab: blood count (kidney values, electrolytes), serology
	Lab: coagulation test labs (Quick test, PTT)
	Active and passive functional examination (possibly goniometer; ruler; from cervical range of motion instrument)
	Audiogram (sound and voice) before, during, after chemotherapy
	Orienting assessment of cranial nerves
	Lab: hormones (TSH, parathyroid hormone, T3, fT3, T4, Ca)
	Muscle function test, classification according to Janda or Kendall shoulder region; neck and facial muscles (incl. tongue) among others
	Sensitivity tests: sensation of cold and hot; light touch incl. documentation bodychart
	visual acuity test, double vision, subjective vision loss

***Note:** instruments printed in bold are recommended for use in all patients with HNC, all the other instruments can be used optionally, if required

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