

Small Animal Neurology

[DOWNLOAD HERE](#)

1;Contents;8 2;Contributors;17 3;Preface to the English edition;22 4;Preface to the second German edition;23 5;Preface to the first German edition;24 6;Abbreviations;25 7;1 Neurological Examination of Small Animals;28 7.1;1.1 Signalment;28 7.2;1.2 Anamnesis;28 7.3;1.3 General examination;29 7.4;1.4 Neurological status;29 7.4.1;1.4.1 Neurological examination methods;29 7.4.2;1.4.2 The sequence of the neurological examination;29 7.4.3;1.4.3 The main aspects of the examination;29 7.4.4;1.4.4 Postural reactions;35 7.4.5;1.4.5 Investigation of the cranial nerves;39 7.4.6;1.4.6 Spinal reflexes;50 7.4.7;1.4.7 Sensory system;54 7.4.8;1.4.8 Localisation;56 7.5;1.5 Ophthalmological examination;61 7.5.1;1.5.1 Examination of vision;61 7.5.2;1.5.2 Examination of the pupillary light reflex and the size of the pupils;62 7.5.3;1.5.3 Palpebral reflex;62 7.5.4;1.5.4 Corneal reflex;63 7.5.5;1.5.5 Tear production;63 7.5.6;1.5.6 Eyeball position;63 7.5.7;1.5.7 Normal vestibular nystagmus;63 7.5.8;1.5.8 Electrophysiological examinations;63 8;2 Principles of Neuropathology;66 8.1;2.1 General neuropathology;66 8.1.1;2.1.1 Histopathology;66 8.1.2;2.1.2 Disturbances in development/malformations;70 8.1.3;2.1.3 Mechanical and physical disturbances;71 8.1.4;2.1.4 Metabolic disturbances;72 8.2;2.2 Classification of neurological diseases: VITAMIN D;75 8.2.1;2.2.1 V = Vascular disease;75 8.2.2;2.2.2 I = Inflammatory and infectious diseases;76 8.2.3;2.2.3 T = Toxic diseases;77 8.2.4;2.2.4 A = Anomalies;77 8.2.5;2.2.5 M = Metabolic diseases;78 8.2.6;2.2.6 N = Neoplasia;79 8.2.7;2.2.7 D = Degenerative diseases;79 8.3;2.3 Investigation of the cerebrospinal fluid (CSF);80 9;3 Genetic Neurological Siseases and Breed Predisposition;84 9.1;3.1 Genetic defects;84 9.2;3.2 Inheritance;85 9.3;3.3 Demonstrating the mode of inheritance;85 9.4;3.4 Testing for potential genetic carriers;87 9.5;3.5 Breeding methods to eradicate genetic defects;88 9.6;3.6 Diseases due to multifactorial causes;89 10;4 Basic Laboratory Investigations;92 10.1;4.1 Indications;92 10.2;4.2 Haematology;93 10.2.1;4.2.1 Anaemia;93 10.2.2;4.2.2 Polycythaemia;94 10.2.3;4.2.3 Leukocytosis;94 10.2.4;4.2.4 Leukopaenia;95 10.2.5;4.2.5 Thrombocytopaenia / thrombocytosis;95 10.3;4.3 Biochemical blood parameters;95 10.4;4.4 Urine investigations;98 11;5 Anaesthesia;100 11.1;5.1 Basics of neuroanaesthesia;100 11.1.1;5.1.1 Control of intracranial pressure;101 11.1.2;5.1.2 Control of the carbon dioxide partial pressure;102 11.1.3;5.1.3 Control of blood

pressure;103 11.1.4;5.1.4 Pharmaceuticals;103 11.1.5;5.1.5 Positioning;104 11.1.6;5.1.6 Supervision of anaesthesia and hypothermia;104 11.1.7;5.1.7 Fluid therapy;104 11.1.8;5.1.8 Recovery period;105 11.2;5.2 Specific procedural techniques;105 11.2.1;5.2.1 CSF collection;105 11.2.2;5.2.2 Myelography;106 11.2.3;5.2.3 Hemilaminectomy, dorsal laminectomy, ventral slot, subluxation and fracture stabilisation;107 11.2.4;5.2.4 Intracranial disease;109 11.2.5;5.2.5 Electrodiagnostic investigations;109 11.2.6;5.2.6 Imaging using computed tomography (CT) and magnetic resonance imaging (MRI);111 12;6 Neuroradiology;114 12.1;6.1 Indications;114 12.2;6.2 Examination methods;116 12.2.1;6.2.1 Radiology;116 12.2.2;6.2.2 Radiological tomography (linear tomography);117 12.2.3;6.2.3 Ultrasonography;117 12.2.4;6.2.4 Computed tomography and magnetic resonance imaging;118 12.2.5;6.2.5 Methods used in nuclear medicine;123 12.3;6.3 Spine;124 12.3.1;6.3.1 Radiography;124 12.3.2;6.3.2 Myelography;133 12.3.3;6.3.3 Discography;138 12.3.4;6.3.4 Epidurography;139 12.4;6.4 Specific diseases;139 12.4.1;6.4.1 Degenerative diseases;139 12.4.2;6.4.2 Tumours;143 12.4.3;6.4.3 Anomalies;147 12.4.4;6.4.4 Trauma;149 12.4.5;6.4.5 Metabolic diseases;149 12.4.6;6.4.6 Vascular diseases;149 12.4.7;6.4.7 Inflammatory diseases;150 12.5;6.5 Skull;152 12.5.1;6.5.1 Principles of interpreting imaging examinations;153 EAN/ISBN : 9783899930924 Publisher(s): Schütersche Format: ePUB/PDF Author(s): Jaggy, Andr

[DOWNLOAD HERE](#)

Similar manuals:

[Small Animal Neurology](#)