

Diagnostic Imaging Of Exotic Pets

[DOWNLOAD HERE](#)

1;Contents;6 2;Authors;10 3;Abbreviations;12 4;Preface;14 5;1 Birds;15 5.1;Introduction;16 5.2;General principles;17 5.3;1.1 Radiographic investigation;17 5.3.1;1.1.1 Equipment;17 5.3.2;1.1.2 Positioning and projections;18 5.3.3;1.1.3 Anatomical-physiological representation;27 5.3.4;1.1.4 Contrast studies;43 5.3.5;Further reading;45 5.4;1.2 Ultrasonographic examination;51 5.4.1;1.2.1 Technical requirements;51 5.4.2;1.2.2 Preparation of the patient, coupling sites;53 5.4.3;1.2.3 Procedure;53 5.4.4;1.2.4 Additional coupling sites;55 5.4.5;1.2.5 Biopsy;55 5.4.6;1.2.6 Contrast studies;57 5.4.7;1.2.7 Ultrasonographic imaging of normal structures;57 5.4.8;Further reading;67 5.5;1.3 Computed tomography (CT);69 5.5.1;1.3.1 Equipment;69 5.5.2;1.3.2 Preparation, positioning and planes;69 5.5.3;1.3.3 Assessment of the organs;69 5.5.4;Further reading;73 5.6;1.4 Magnetic resonance imaging (MRI);79 5.6.1;1.4.1 Equipment and uses;79 5.6.2;1.4.2 Preparation;79 5.6.3;1.4.3 Investigatory procedure;81 5.6.4;1.4.4 Imaging of the organs;81 5.6.5;Further reading;81 5.7;Special diagnostics, pathological findings;85 5.8;1.5 Skeletal system;85 5.8.1;1.5.1 Cranium;86 5.8.2;1.5.2 Axial skeleton;86 5.8.3;1.5.3 Forelimbs;86 5.8.4;1.5.4 Hindlimbs;86 5.9;1.6 Cardiovascular system;99 5.9.1;1.6.1 Heart;99 5.9.2;1.6.2 Blood vessels;100 5.10;1.7 Respiratory tract;107 5.10.1;1.7.1 Nasal passages and sinuses;107 5.10.2;1.7.2 Trachea and syrinx;107 5.10.3;1.7.3 Lungs;108 5.10.4;1.7.4 Air sacs;108 5.11;1.8 Gastrointestinal tract;119 5.11.1;1.8.1 Esophagus and crop;119 5.11.2;1.8.2 Proventriculus;120 5.11.3;1.8.3 Ventriculus;120 5.11.4;1.8.4 Intestines;120 5.12;1.9 Liver and spleen;129 5.12.1;1.9.1 Liver;129 5.12.2;1.9.2 Gallbladder;130 5.12.3;1.9.3 Ascites;130 5.12.4;1.9.4 Spleen;130 5.13;1.10 Urogenital tract;137 5.13.1;1.10.1 Kidneys;137 5.13.2;1.10.2 Gonads;138 5.13.3;1.10.3 Oviduct;138 5.13.4;Further Reading;151 5.14;1.11 Miscellaneous;151 5.14.1;Further reading;151 6;2 Small Mammals;157 6.1;Introduction;158 6.2;General principles;159 6.3;2.1 Radiography;159 6.3.1;2.1.1 Equipment;159 6.3.2;2.1.2 Positioning;161 6.3.3;2.1.3 Contrast studies;167 6.4;2.2 Radioanatomy;173 6.4.1;2.2.1 Skeletal system;173 6.4.2;2.2.2 Cervical soft tissues;183 6.4.3;2.2.3 Thorax;183 6.4.4;2.2.4 Abdomen;191 6.5;2.3 Ultrasonography;199 6.5.1;2.3.1 Equipment;199 6.5.2;2.3.2 Positioning and fixation;199 6.5.3;2.3.3 Preparation of the patient;201 6.5.4;2.3.4 Investigation protocol;201 6.5.5;2.3.5

Documentation of the results;201 6.6;2.4 Sonoanatomy;203 6.6.1;2.4.1 Cervical soft tissues;203 6.6.2;2.4.2 Thorax: echocardiography;203 6.6.3;2.4.3 Abdomen;239 6.6.4;2.4.4 Miscellaneous;253 6.7;2.5 Computed tomography (CT) and magnetic resonance imaging (MRI);257 6.8;Special diagnostics, pathological findings;259 6.9;2.6 Skeletal system;259 6.9.1;2.6.1 Cranium and teeth;259 6.9.2;2.6.2 Spine, thorax;261 6.9.3;2.6.3 Limbs;261 6.10;2.7 Cervical soft tissues;262 6.11;2.8 Thorax;271 6.11.1;2.8.1 Pleural cavity;271 6.11.2;2.8.2 Trachea;271 6.11.3;2.8.3 Esophagus;271 6.11.4;2.8.4 Lungs;271 6.11.5;2.8.5 Heart;272 6.12;2.9 Abdomen;295 6.12.1;2.9.1 Stomach;295 6.12.2;2.9.2 Small intestines;296 6.12.3;2.9.3 Appendix and large intestines;296 6.12.4;2.9.4 Liver;296 6.12.5;2.9.5 Pancreas;297 6.12.6;2.9.6 Spleen;297 6.12.7;2.9.7 Urinary tract;297 6.12.8;2.9.8 Female genital tract;298 6.12.9;2.9.9 Male genital tract;300 6.12.10;2.9.10 Adrenal glands;300 6.13;2.10 Miscellaneous;313 6.13.1;2.10.1 Eye;313 7;3 Reptiles;323 7.1;Introduction;324 7.2;General principles;325 7.3;3.1 Radiographic investigation;325 7.3.1;3.1.1 Equipment;325 7.3.2;3.1.2 Positioning and projections;325 7.3.3;3.1.3 Contrast studies;331 7.3.4;3.1.4 Assessment of radiographs in reptiles;331 7.4;3.2 Ultrasonography;349 7.4.1;3.2.1 Equipment;349 7.4.2;3.2.2 Coupling sites;349 7.4.3;3.2.3 Approaches;351 7.4.4;3.2.4 Ultrasonog EAN/ISBN : 9783842682528 Publisher(s): Schlutersche Discussed keywords: Atlas, Bildgebende Verfahren (Veterinrmedizin), Haustiere, Veterinrmedizin, Reptilien, Rntgendiagnostik, Ultraschallldiagnostik, Vgel Format: ePub/PDF Author(s): Krautwald-Junghanns, Maria-Elisabeth - Pees, Michael - Reese, Dr. Sven - Tully, Thomas

[DOWNLOAD HERE](#)

Similar manuals:

[Atlas Or Barbary Lion Panthera Leo Leo Young Male In Captivity](#)

[Atlas Or Barbary Lion Panthera Leo Leo Young Male In Captivity](#)

[Atlas Or Barbary Lion Panthera Leo Leo Male In Captivity](#)

[Atlas Or Barbary Lion Panthera Leo Leo Male In Captivity](#)

[Potsdam Brandenburg Germany Facade And Cuppola Of The Ols City Hall At The Old Market Atlant Atlas](#)

[Potsdam Brandenburg Germany Facade And Cuppola Of The Ols City Hall At The Old Market Atlant](#)

[Atlas](#)

[Potsdam Brandenburg Germany Facade And Cuppola Of The Olds City Hall At The Old Market Atlant Atlas](#)

[Atlas Moth Attacus Atlas, Malaysia](#)

[Neues Schloss New Castle Kittsee Burgenland Austria Atlas Is Carrying The Balcony Above The Main Entrance](#)

[Zatlasice Gorge, Tolmin, Triglav National Park, Slovenia](#)

[Zatlasice Gorge, Tolmin, Triglav National Park, Slovenia](#)

[Atlas Moth Attacus Atlas, Sungai Mahakam, East-Kalimantan, Borneo, Indonesai](#)

[View Over Roofs To Snow Covered High Atlas Mountains White Stork Ciconia Ciconia Palais El Badi Marrakech Morocco](#)

[Oasis With Date Palm Trees At Wadi Tisgui Ida Ou Ballou Anti Atlas Morocco](#)

[Oasis With Date Palm Trees Phoenix Dactylifera And Village Tisgui Ida Ou Ballou Anti Atlas Morocco](#)

[Branch With Leaves And Fruits Of Endemic Argan Argania Spinosa Anti Atlas Southwestern Morocco](#)

[Endemic Argan Trees Argania Spinosa Anti Atlas Southwestern Morocco](#)

[Village At A Slope Anti Atlas Southwestern Morocco](#)

[Village With Old Houses Made Of Reddish Clay Ksar Kasbah Tourbist High Atlas Morocco](#)

[Man Sits On A Wall Dressed In Traditional Garment Jelaba With Pointed Hood Tourbist High Atlas Morocco](#)

[Typical Village With Fine Tiled Minaret Near Tizirine High Atlas Morocco High Atlas Morocco](#)

[Berber Monkey Barbary Macaque Macaca Sylvanus Middle Atlas Moyen Morocco](#)

[High Tree Atlas Cedar Cedrus Atlantica In The Forest Foret De Cedres Middle Atlas Moyen Morocco](#)

[Country Road Winds Through Red Rock Mountains High Atlas Gorges Du Zis Near Ar-Rachidia Morocco](#)

[Car Drives On Straight Street Through A Gate Towards Snowcapped Mountains Of The High Atlas Between Tinerhir And Boumalne-du-Dades Morocco](#)

[Straight Street Runs Through A Gate Towards Snowcapped Mountains Of The High Atlas Between Tinerhir And Boumalne-du-Dades Morocco](#)

[Erosion Reddish Mountains Near Bou-Thrarar High Atlas Morocco](#)

[House Made Of Clay Bou-Thrarar High Atlas Morocco](#)

[White Storks Ciconia Ciconia In Nest In Mountain Landscape Bou-Thrarar High Atlas Morocco](#)

[White Storks Ciconia Ciconia In Nest In Mountain Landscape Bou-Thrarar High Atlas Morocco](#)

[Door And Windows Of An Old House Bou-Thrarar High Atlas Morocco](#)

[Door Of An Old House Bou-Thrarar High Atlas Morocco](#)

[Bizarre Mountain Landscape Around The Valley Of Asif MGoun River Near Bou-Thrarar High Atlas Morocco](#)

[Bizarre Mountain Landscape With Gorge Valley Of Asif MGoun River Near Bou-Thrarar High Atlas Morocco](#)

[Reddish Walls Made Of Clay Ksar Kasbah Tourbist High Atlas Morocco](#)

[Waterfall Cascades DOuzoud Middle Atlas Morocco](#)

[View From Above At The Reservoir Barrage Bin El-Ouidane Middle Atlas Morocco](#)

[View Over A Palm Oasis, Atlas Mountains, Morocco, Africa](#)

[Atlas Mountains, Southern Tunisia, Tunisia, Maghreb, North Africa, Africa](#)

[Ruins Of An Old Kasbah, Dades Gorge, High Atlas Range, Boumalne, Morocco, North Africa, Africa](#)

[Red-coloured Rock Formations Monkey Fingers, Dades Gorge, High Atlas Range, Boumalne, Morocco, North Africa, Africa](#)

[Red-coloured Rock Formations Monkey Fingers, Dades Gorge, High Atlas Range, Boumalne, Morocco, North Africa, Africa](#)

[Red-coloured Rock Formations Monkey Fingers, Dades Gorge, High Atlas Range, Boumalne, Morocco, North Africa, Africa](#)

[Red-coloured Rock Formations, Dades Gorge, High Atlas Range, Boumalne, Morocco, North Africa, Africa](#)

[Red-coloured Rock Formations, Dades Gorge, High Atlas Range, Boumalne, Morocco, North Africa, Africa](#)

[Red-coloured Rock Formations, Dades Gorge, High Atlas Range, Boumalne, Morocco, North Africa, Africa](#)

[View From The Kasbah Ait Benhaddou To The High Atlas Range, Ait Benhaddou, Morocco, North Africa, Africa](#)

[Mountain Pass Of Col Tizi-n-Tichka, In The Region Of The High Atlas Mountains, Morocco, North Africa, Africa](#)

[Caterpillar Of The Atlas Moth \(Attacus Atlas\), Early Stage, Found In Southeast Asia](#)

[E-Study Guide For: Atlas Of Pain Management Injection Techniques By Steven Waldman, ISBN 9781416038559 - Cram101 Textbook Reviews](#)