

**Europass
Curriculum Vitae**



Personal information

First name(s) / Surname(s) **Daniel Andreas Koch**
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Nationality Swiss

Date of birth 30.09.1963

Gender Male

Occupational field Veterinarian (Small Animal Surgeon)

Work experience

Dates	2010 - ongoing
Occupation or position held	Small Animal Surgeon, Director
Main activities and responsibilities	Founder and director of Daniel Koch Small Animal Surgery Referrals (Daniel Koch Kleintierchirurgie AG). This is an institution, which provides specialized surgical and dentistry services for referring veterinarians.
Name and address of employer	Daniel Koch Kleintierchirurgie AG, Ziegeleistrasse 5, 8253 Diessenhofen, Switzerland
Type of business or sector	Private clinic; small animal surgery
Dates	2004 – 2010
Occupation or position held	Small Animal Surgeon
Main activities and responsibilities	Director; co-leader of 3 veterinarians and 1 veterinary technician; examinations and advanced surgical interventions in a referral clinic for small animal surgery including

	orthopedic, soft tissue, neurologic and dentistry cases; clinical related research; teaching activity on private basis in Europe, Asia, North America and Africa.
Name and address of employer	Koch&Bass referral clinic for small animals, Basadingerstrasse 26, 8253 Diessenhofen, Switzerland
Type of business or sector	Private clinic; small animal surgery
Dates	1999 – 2004
Occupation or position held	Assistant professor; head of clinic
Main activities and responsibilities	head of a working unit; head of the clinic team; organisation of workshops for students, private practitioners and academic staff; head of a research group; supervisor and director of the ECVS program; head of the internship; personal manager of the clinic; lecturer.
Name and address of employer	Small animal surgery clinic, Vetsuisse Faculty University of Zurich, Winterthurerstrasse 260, 8057 Zurich, Switzerland
Type of business or sector	Academic institution; small animal surgery
Dates	1992 – 1994
Occupation or position held	General veterinary practitioner
Main activities and responsibilities	General veterinary medicine for small and large animals; limited managing work, mainly public relations and software
Name and address of employer	Dr. Hans Koch, Grabenstrasse 23, 8253 Diessenhofen
Type of business or sector	Private clinic
Education and training	
Dates	1995 – 1998
Title of qualification awarded	Resident, Diplomate ECVS (1999)
Principal subjects/occupational skills covered	Postgraduate specialistic training for small animal surgery under supervision of Prof. Pierre M. Montavon
Name and type of organisation providing education and training	Small animal surgery clinic, Vetsuisse Faculty University of Zurich, Winterthurerstrasse 260, 8057 Zurich, Switzerland
Level in national or international classification	Academic institution; small animal clinic
Dates	1991 – 1992
Title of qualification awarded	Intern
Principal subjects/occupational skills covered	Postgraduate specialistic training for small animal medicine under supervision of Prof. J Gajentaan and Prof. H. De Vries
Name and type of organisation providing education and training	Department for small animal, State University of Utrecht, Yalelaan, Utrecht, The Netherlands
Level in national or international classification	Academic institution; small animal clinic
Dates	1989 – 1990
Title of qualification awarded	Dr. med. vet (DVM)

Principal subjects/occupational skills covered Doctors thesis under supervision of Prof. Berton Rahn, period restricted to 3 months; bone healing under stable and instable conditions in a sheep model (bending stiffness and radiology)

Name and type of organisation providing education and training AO research and development, AO institute, Obere Strasse, Davos, Switzerland

Level in national or international classification Private research institution; human orthopedics

Dates 1984 - 1990

Title of qualification awarded Veterinarian

Principal subjects/occupational skills covered Student training for veterinarian

Name and type of organisation providing education and training University of Fribourg, Switzerland; University of Zurich, Switzerland

Level in national or international classification Academic institution;

Personal skills and competences

Mother tongue(s) **German**

Other language(s)

Self-assessment
European level ()*

	Understanding			Speaking				Writing		
	Listening		Reading	Spoken interaction		Spoken production				
English	C2	Proficient user	C1	Proficient user	C1	Proficient user	C2	Proficient user	C1	Proficient user
French	C1	Proficient user	B2	Independent user	C1	Proficient user	C1	Proficient user	B1	Independent user
Dutch	C2	Proficient user	B2	Independent user	C1	Proficient user	C1	Proficient user	C1	Proficient user
Italian	C1	Proficient user	B2	Independent user	C1	Proficient user	C1	Proficient user	A2	basic user
Spanish	A2	basic user	A1	basic user	A2	basic user	A1	basic user	A1	basic user

() Common European Framework of Reference for Languages*

Social skills and competences Teamleader of a group of 3-4, and later 12 veterinarians at the Vetsuisse faculty university of Zurich; several communications courses attended in the Swiss army and at the university of Zurich; experience in a foreign country (the Netherlands)

Organisational skills and competences Teamleader in academic institutions (5 to 30 persons; see above)
 Organisation of more than 120 continuing educations courses in Europe, North America, Australia and Asia (involving teams of 5-30 faculty members and 12 to 500 participants; e.g. AO courses in Davos and Japan, organisation of scientific congresses; workshops for small animal surgery and dentistry, co-organisator of the European Veterinary Dental Congress 2009, director of dental courses in Switzerland)
 Head of several research teams (brachycephalic syndrome; dentistry, stifle surgery)
 Training in the Swiss army up to the level of a commander of an infantry bataillon (2000 persons); second in command of an infantry bataillon, vast experience as commander of a company (150 persons);

	<p>Former head of the AO education committee</p> <p>Former head of the Swiss Small Animal Dental Forum</p> <p>Organisation of several projects in politics in the township</p> <p>Organisation of several large parties and events for a local football club</p>
Computer skills and competences	<p>Proficient skills with Microsoft Office™ programs, Adobe Photoshop™, Affinity™ and other related graphic programs, based on MS Windows and Mac OS platforms</p> <p>independent skills with networking and websites</p>
Artistic skills and competences	<p>Painting</p> <p>Handicraft</p>
Other skills and competences	<p>Football, Tennis, Running</p> <p>Former vice-major in a town</p> <p>Former regional staff leader in critical and catastrophic circumstances</p> <p>Second in command of an infantry bataillon of the Swiss Army, out of duty</p> <p>President of the regional sport net</p> <p>Former regent of a football club</p> <p>Former head of local section of a political party</p> <p>Former head of a local section of a church community administration</p>
Driving licence	<p>Class A1, A2, B, D2, E, F, G according to the Swiss Law</p> <p>Driving licence for motorboats (category A)</p>
Additional information	<p>AO basic and advanced course attended</p> <p>AO member since 1999</p> <p>AO VET courses organisator in Davos (2000 – 2002) and Japan (2007 – 2013)</p> <p>AO VET responsibility for education in Eastern Asia (2007 – 2013)</p> <p>ECVS Diploma attended in 1999</p> <p>ECVS annual meeting organisation in 2000 (Berne)</p> <p>ECVS supervisor 1999 – 2004 (University Zurich), 8 successful candidates</p> <p>ECVS Program Director 2000 – 2004 (University Zurich)</p> <p>ECVS Program Director 2006 - 2010 (Koch&Bass GmbH, Diessenhofen)</p> <p>Swiss Veterinary Association (GST) member since 1992</p> <p>Arbitration deputy of the GST (2011- 2015)</p> <p>Swiss Small Animal Association (SVK) member since 1999</p> <p>Swiss Small Animal Association (SVK) subcommittee FVH member (1999 – 2003)</p> <p>President of the SVK subcommittee for patellar luxation (2008 - 2015)</p> <p>Swiss Dental Forum member (1999 onwards), first president (1999 – 2006)</p> <p>ESVOT member 2010 - 2012</p> <p>Regent (Vice president, treasurer, 2013-2019) of the local veterinary Association (Gesellschaft Thurgauer Tierärzte)</p> <p>Several didactical courses attended (Swiss Army, University Zurich) from 1996 to 2004</p> <p>Organisation of more than 100 continuing education courses in Europe, Asia and Australia</p> <p>Regular invitation to national and international meetings (more than 900 talks given)</p> <p>Regular instructor for Kyon, Zurich, university Zurich, Covetrus and Eickemeyer</p> <p>Kyon THR and TTA instructor</p> <p>Teacher for veterinary technicians (surgery, dentistry)</p> <p>More than 18 doctoral thesis accompanied (general surgery, orthopedic surgery, soft tissue surgery, neurosurgery)</p>

33 first authored publications
15 second authored publications
4 book chapters
2 ebooks
1 book senior author (3 editions)
Editor of more than 100 proceedings (small animal surgery, small animal dentistry)

Annexes Publications

First author publications:

Koch DA (1991). Untersuchungen über die Bedeutung radiologisch erfassbarer Parameter bei indirekter Knochenbruchheilung. Dissertation, Universität Zürich.

Koch DA , Hazewinkel HAW, Nap RC, Meij BP, How T, Wolvekamp ThC (1992). Triple pelvic osteotomy: results of 32 cases. Tijdschr Diergeneesk 117, Suppl 1, 35.

Koch DA , Hazewinkel HAW, Nap RC, Meij BP, Wolvekamp ThC (1993). Radiographic evaluation and comparison of plate fixation after triple pelvic osteotomy in 32 dogs with hip dysplasia. Vet Comp Orthop Trauma 6, 9-15.

Koch DA (1996). Veterinär-Chirurgische Klinik der Universität Zürich: Die Klinik für Gross- und Kleintierchirurgie im Porträt. Swissvet 3, 5-9.

Koch DA, Montavon PM (1997). Klinische Erfahrungen bei der Therapie der Patellarluxation des Kleintieres mittels Sulkoplastik und seitlicher und kranialer Verschiebung der Tuberositas tibiae. Schw. Arch. Tierheilk. 139, 259 – 264.

Koch DA, Grundmann S, Savoldelli D, L'Eplattenier H, Montavon PM (1998). Die Diagnostik der Patellarluxation des Kleintieres. Schw. Arch. Tierheilk. 371 - 374

Koch DA, Montavon PM (1998). Eine chirurgische Methode zur Stabilisation von traumatischen Subluxationen, Luxationen und Frakturen der Brust- und Lendenwirbelsäule bei Hunden und Katzen. Schw. Arch. Tierheilk., 413 – 418

Koch DA (2000). Die Weiterbildungskurse der Kleintierchirurgie am Tierspital Zürich. Swissvet 17, 5 - 7

Koch DA, Montavon PM (2002). Reconstruction techniques with Vet BioSIS™. Vet Observer 9, 4-5.

Koch DA, Arnold S, Hubler M, Montavon PM (2003). Brachycephalic syndrome in dogs. Comp Cont Educ Small Anim Pract 25, 48 – 55.

Koch DA (2009). Das Fadenmaterial bei chirurgischen Eingriffen- Wann brauchen Sie welchen Faden. Kleintierkonkret, 20 -29.

Koch DA, Wiestner T, Balli A, Montavon PM, Michel E, Scharf G, Arnold S (2012). Proposal for a new radiological index to determine skull conformation in the dog. Schweiz Arch Tierheilk 154, 217-220

Koch DA (2013). Erfolgreiche Behandlung des Penisprolaps beim Hund. Schweiz Arch Tierheilk 155, 197 – 199.

Koch DA (2013). Verschiebelappen zur Behandlung von erworbenen oronasalen Fisteln bei Hund und Katze. Kleintiermedizin 1/2013

- Koch DA, Rosaspina M, Wiestner T, Arnold S, Montavon PM (2014), Comparative investigations on the upper respiratory tract in Norwich terriers, brachycephalic dogs and mesaticephalic dogs, Schweiz Arch Tierheilk, 156, 119-124.
- Koch DA (2014). Der Fixateur externe in der Kleintierorthopädie. Kleintiermedizin 2/2014
- Koch DA, Sturzenegger (2015), Veränderungen des Schädels bei brachycephalen Hunden im Verlaufe der letzten 100 Jahre. Schweiz Arch Tierheilk 157, 161-163
- Koch DA (2015). Die Femurkopfresektion bei Hüftproblemen von Hunden und Katzen, Kleintiermedizin 4, 184-190
- Koch DA (2015). Magendrehung beim Hund – eine Uebersicht. Kleintierpraxis 60, 652-664.
- Koch DA, Grundmann S (2016): Vorsorgeuntersuchung auf Patellaluxation – Zwischenbilanz nach 18 Jahren, kleintierkonkret 2, 2-8
- Koch DA (2016). Das gefüllte Kniegelenk – was kommt in Frage. Kleintiermedizin 4/2016
- Koch DA (2017). Einfache Methode zur Stabilisierung von Monteggia-Frakturen bei Katzen. Schweiz Arch Tierheil 159, 601-604.
- Koch DA (2017). Typische Gangbilder bei Lahmheiten der Vordergliedmasse. Kleintiermedizin 4, 248-255
- Koch DA, Wiestner T, Balli A, Montavon PM, Arnold S (2018). Vergleich von transnasalem Druck und Widerstand bei brachycephalen und normocephalen Hunden. Kleintierpraxis 63, 252-260.
- Koch DA (2018). Typische Gangbilder bei Lahmheiten der Hintergliedmasse des Hundes. Schweiz Arch Tierheilk 160, 649-657.
- Koch DA, Zulauf D (2018). Einsatz eines dentalen Röntgengerätes zur intraoperativen Verlaufskontrolle bei orthopädischen Eingriffen. Kleintiermedizin 4/2018.
- Koch DA, Koch M (2019). Ein neues winkelstabiles und polyaxiales Osteosynthesystem für Kleintiere, Kleintiermedizin 1/2019
- Koch DA (2019). Der Ortolani-Test. Kleintiermedizin 6/2019.
- Koch DA (2020). Der präputiale Zugang zum Abdomen des Rüden, Kleintiermedizin 1/2020.
- Koch DA (2021). Neue Technik bei der Behandlung der Patellaluxation mittels Einschlagplatte Swiss Patella Plate. Kleintiermedizin 2.
- Koch DA (2021). SPP® (Swiss Patella Plate) mit verstärkter Fixation – eine Operationsanleitung Kleintiermedizin 5, 45-50.
- Koch DA (2021). Medialer Zugang zum Kniegelenk bei Hunden und Katzen, Kleintiermedizin 5.
- Koch DA, Kiefer OM, Richter H (2022). Comparison of four methods to compare cage width in tibial tuberosity advancement. Schweiz Arch Tierheilk (accepted).

Books and book chapters:

Koch DA (2004). Zugänge Abdomen und Thorax. In: Kompendium der allgemeinen Chirurgie, Hrsg: M. Kramer. Schlütersche Verlagsgesellschaft mbH&Co Kg, Hannover, 265 – 273.

Koch DA (2005). Application of plates and screws. In: Manual for small animal fracture treatment, AO publishing, Duebendorf, pp 26-51

Koch DA (2014). Application of bone plates in compression, neutralisation, or buttress mode. In: Current Techniques in Small Animal Surgery, Eds. J Bojrab, DR Waldron, J Toombs, Teton New Media, Jackson, USA, pp 788 – 792.

Koch DA, Fischer MS (2015). Lahmheitsuntersuchung beim Hund, Enke, Stuttgart.

Koch DA, Fischer MS (2019). Lahmheitsuntersuchung beim Hund, Thieme, Stuttgart, zweite erweiterte Ausgabe.

Koch DA, Fischer MS (2020). Diagnosing canine lameness, Thieme, Stuttgart,

Koch DA (2021). Dental interventions in the aspect of other planned surgery. In: Gawor J, Niemiec B. The Veterinary Dental Patient – A Multidisciplinary Approach.

E-Books:

Koch DA, Bucklar H (2017): Klinische Diagnostik von typischen Lahmheiten der Vordergliedmasse des Hundes. <https://itunes.apple.com/ch/book/klinische-diagnostik-von-typischen-lahmheiten-der-vordergliedmasse/id1230073245?l=en&mt=11>

Koch DA, Grundmann S, Bucklar H (2017). Kleines Handbuch zur Zahnheilkunde bei Hund und Katze. <https://itunes.apple.com/ch/book/kleines-handbuch-zur-zahnheilkunde-bei-hund-und-katze/id1270846594?l=en&mt=11>

Second author:

Montavon PM, Savoldelli D, Koch DA (1998). A surgical method for stabilization of thoracolumbar fracture dislocation in dogs and cats. *Dialogue* 1, 25-27.

Grundmann S, Koch DA, Montavon PM (1999). Diagnostik der nichttraumatischen Patellarluxation – Untersuchungsmethodik in der Schweiz. *Kleintiermedizin* 2, 19 – 21.

Zabka, A, Koch DA, Stöcklin P, Flückiger M, Montavon PM (1999). Ein Fall von Sesambeinfragmentierung als Lahmheitsursache bei einer Rottweilerhündin. *Schw. Arch. Tierheilk.*, 195 - 201

Reichler IM, Grundmann S, Koch DA, Savoldelli D, L'Eplattenier H, Montavon PM (1999). Die diagnostische Effizienz der Vorsorgeuntersuchung auf Patellarluxation bei Zwerhunderassen, *Kleintierpraxis* 44. 825 – 829.

Maute AM, Koch DA, Montavon PM (2001). Perineal hernia in dogs - colopexy, vasopexy, cystopexy and castration as elective therapies in 32 dogs. *Schweiz Arch Tierheilkd.* 2001 Jul;143:360-7.

Venzin C, Ohlerth S., Koch D, Spreng D (2004). Extracorporeal shockwave therapy in a dog with bicipital tenosynovitis. *Schw. Arch. Tierheilk.* 146, 136-141.

- Glaus TM, Grenacher B, Koch D, Reiner B, Gassmann M (2004). High altitude training of dogs results in elevated erythropoietin and endothelin-1 serum levels. *Comp Biochem Physiol A Mol Integr Physiol.* 138(3):355-61.
- Dennler R, Koch D, Haessig M, Howard J, Montavon PM (2005). Climatic conditions as a risk factor in canine gastric dilatation-volvulus. *Vet J.* 169(1):97-101.
- Guerrero TG, Koch D, Montavon PM (2005). Fixation of a proximal femoral physeal fracture in a dog using a ventral approach and two Kirschner wires. *Vet Comp Orthop Traumatol.* 18(2):110-114.
- Wiestner TS, Koch DA, Nad N, Balli A, Roos M, Weilenmann R, Michel E, Arnold S.(2007) Evaluation of the repeatability of rhinomanometry and its use in assessing transnasal resistance and pressure in dogs. *Am J Vet Res.* 68(2):178-84.
- Zulauf D, Voss K, Koch D (2008). Traumatic dislocation of the lumbosacral joint in two cats. *Vet Comp Orthop Traumatol.* 21:467-70.
- Inauen R, Koch DA, Bass M, Haessig M (2009). Tibial tuberosity conformation as a risk factor for cranial cruciate ligament rupture in the dog. *Vet Comp Orthop Traumatol.* 22:16-20
- Inauen R, Koch D, Bass M. (2009). Arthrodesis of the tarsometatarsal joints in a cat with a two hole advanced locking plate system *Vet Comp Orthop Traumatol.* 22: 166-169.
- Kemper M. Koch DA, Bass M, Inauen R (2011). Revisionsoperationsrate nach 214 Tibial Tuberosity Advancements als Therapie des vorderen Kreuzbandrisses beim Hund, Schweiz. *Arch. Tierheilkd,* 153, 131-133.
- Lehmann SV, Andrada E, Tazsus R, Koch D, Fischer MS (2021): Three-dimensional motion of the patella in French bulldogs with and without patella luxation, *BMC Veterinary Research* 17(1):76. doi: 10.1186/s12917-021-02787-z