

ANTIVENIN-CH

Netzwerk der schweizerischen Antivenin-Depots Réseau suisse des dépôts de sérums antivenimeux Rete svizzera dei depositi di sieri antiveleno

Aktualisierung alle 3 Monate

Nachfolgende Zentren unterhalten in der Schweiz mit Bewilligungen des Schweizerischen Heilmittelinstitutes Swissmedic nachstehend aufgeführte Giftschlangen/(Giftspinnen)-Antivenin-Depots:

Les centres mentionnés ci-dessous gardent avec l'autorisation de l'Institut suisse des produits thérapeutiques Swissmedic, les dépôts d'antivenins antivenimeux suivants:

I centri sotto menzionati custodiscono con l'autorizzazione dell'Istituto svizzero per gli agenti terapeutici Swissmedic i seguenti depositi di siero antiveleno:

TG Institut für Spitalpharmazie Kantonsspital Münsterlingen	GE Pharmacie des Hôpitaux Universitaires de Genève	ZH Kantonsapotheke Zürich
Postfach CH-8596 Münsterlingen Tel +41 (0)71 686 22 44 Fax +41 (0)71 686 22 39 Für Notfälle ausserhalb der Öffnungszeiten: Tel +41 (0)71 686 11 11 und Notfallaufnahme verlangen. Standort: Kühlschrank „Antidota-Antivenine“	Rue Micheli-du-Crest 24 CH-1211 Genève 4 Tel +41 (0)22 372 39 60 Fax +41 (0)22 272 39 90 Pour les cas d'urgence en dehors des heures d'ouverture: Télépage 074 055 02 51 Natel +41 (0)79 743 01 05 Tel +41 (0)22 372 33 11 et demander le pharmacien de garde	Spöndlistr. 9 CH-8006 Zürich Tel +41 (0)44 255 32 02/14 Fax +41 (0)44 255 45 46 Für Notfälle ausserhalb der Öffnungszeiten: Tel +41 (0)44 255 21 11 und Dienstapotheker verlangen

Die **folgenden 3 Zentren** führen einzig ein Antivenin gegen europäische Giftschlangen:
Les **3 centres suivants** gardent seulement un antivenin contre les serpents vénimeux européens:
I **3 centri seguenti** hanno in scorta soltanto un siero contro i veleni di serpenti velenosi europei:

BE Institut für Spitalpharmazie Inselspital	TI Ospedale San Giovanni	GR Institut für Spitalpharmazie Kantonsspital Graubünden
Freiburgstrasse 4 CH-3010 Bern Tel +41 (0)31 632 29 90 Fax +41 (0)31 632 47 90 Für Notfälle ausserhalb der Öffnungszeiten: Tel +41 (0)31 632 21 11 und Dienstapotheker verlangen	Famacia CH-6500 Bellinzona Tel +41 (0)91 811 82 62 Fax +41 (0)91 811 90 46 Per urgenze fuori orario : Tel +41 (0)91 811 91 11 e chiedere del picchetto della farmacia	Loestr. 170 CH-7000 Chur Tel +41 (0)81 256 65 24 Fax +41 (0)81 256 66 67 Für Notfälle ausserhalb der Öffnungszeiten: Tel +41 (0)81 256 61 11 und Dienstapotheker verlangen

Koordination / Sekretariat:

Schweizerisches Toxikologisches Informationszentrum (STIZ), Freiestr. 16, CH-8032 Zürich Tel. +41 44-251-66 66 Fax +41-44-252 88 33
info@toxi.ch ; <http://www.toxi.ch>

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Der Einsatz nachfolgender Antivenine kann beim Auftreten von systemischen Vergiftungssymptomen lebensrettend sein; gerade deshalb sollte der Einsatz der Antivenine vor allem auf Giftschlangen- oder Giftspinnenbisse mit systemischer Intoxikation limitiert sein.

Zu beachten bleiben für die nachfolgende Liste folgende Punkte:

- Aufgeführt werden lediglich die zur Serenherstellung verwendeten Giftschlangen- oder Giftspinnenarten, allfällige Kreuzsensibilitäten einzelner Seren ist der Fachliteratur zu entnehmen.
- Die Dosierungsangaben entsprechen den Angaben der momentan verfügbaren Packungsprospekte.

Diese Liste des Netzwerkes « Antivenin-CH » hat zum Ziel, die Verfügbarkeit von Seren gegen europäische und exotische Giftschlangenbisse oder Giftspinnenbisse in der Schweiz transparent darzustellen. Das Netzwerk aktualisiert den Inhalt laufend. Dennoch kann das Netzwerk keinerlei rechtliche Haftung für die bereitgestellten Informationen übernehmen.

L'emploi d'un antivenin peut sauver une vie en présence de signes d'intoxication systémique. C'est précisément pour cette raison qu'il faudrait limiter l'emploi d'un antivenin avant tout à une intoxication généralisée suite à une morsure de serpent ou d'araignées vénimeux.

Veillez noter les points suivants en ce qui concerne la liste de produits ci-jointe :

- Seules sont citées les espèces de serpents ou araignées vénimeux ayant servi à l'élaboration des sérums. La littérature spécialisée peut renseigner sur une éventuelle sensibilité croisée.
- Les posologies indiquées correspondent aux indications fournies par les prospectus d'emballage actuellement disponibles.

La présente liste du réseau suisse « Antivenin-CH » a pour but de renseigner de façon transparente sur la disponibilité des sérums contre les morsures de serpents exotiques ou européens et d'araignées vénimeux. Son contenu est régulièrement mis à jour par le réseau suisse. Ce dernier décline cependant toute responsabilité juridique en ce qui concerne les informations fournies.

L'impiego dei seguenti controveleni può rivelarsi determinante per la vita del paziente all'insorgere di sintomi sistemici di avvelenamento. Per questa ragione, appunto, l'impiego di controveleni dovrebbe essere limitato soprattutto ai morsi di serpenti o ragni velenosi con intossicazione sistemica.

Per quanto riguarda l'elenco sottoindicato bisogna tener conto dei punti seguenti:

- Menzionati sono unicamente i tipi di veleno di serpenti o ragni velenosi utilizzati per la produzione di sieri; riguardo eventuali sensibilità incrociate di singoli sieri è consigliabile ricorrere alla letteratura specializzata.
- La posologia raccomandata corrisponde alle indicazioni dei foglietti illustrativi delle confezioni attualmente disponibili.

L'elenco della rete operativa « Antivenin-CH » ha, quale scopo, di illustrare in modo trasparente la disponibilità in Svizzera di sieri contro veleni di serpenti o ragni velenosi europei ed esotici. La rete operativa ne aggiorna in continuità il contenuto. Tuttavia la summenzionata rete non può assumersi nessuna responsabilità legale per le informazioni fornite.

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***Dosierungsangaben:** für Hinweise zur Auflösung und Verdünnung der Produkte, entsprechende Packungsinformation beachten

***Posologie:** pour les indications pour dissoudre et diluer le produit, voir prospectus d'emballage

***Posologia:** per le indicazioni per dissolvere e diluire il prodotto, vedere il prospetto d'imballaggio

***Dosage information:** advice for reconstitution and dilution of the product, please consult the package leaflet

Stand der Information: 30. Oktober 2009

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Antivenin-Sortiment: Giftschlangen

- Antivipmyn, Instituto Bioclon, Mexiko
- Black snake antivenom 18'000 E, CSL Limited, Australien
- Brown snake antivenom 1'000 E, CSL Limited, Australien
- Cobra Antivenin (Naja naja kaouthia), Queen Saovabha Memorial Institute (Thai Red Cross Society), Thailand
- CroFab, Protherics Inc., USA
- Death adder antivenom 6'000 E, CSL Limited, Australien
- Green Pit Viper Antivenom (Trimeresurus albolabris), Queen Saovabha Memorial Institute (Thai Red Cross Society), Thailand
- Haffkine polyvalent anti-snake-venom, Haffkine Bio-Pharmaceutical, Indien
- King Cobra Antivenin (Ophiophagus Hannah), Queen Saovabha Memorial Institute (Thai Red Cross Society), Thailand
- Malayan Pit Viper Antivenom (Calloselasma (Agkistrodon) rhodostoma), Queen Saovabha Memorial Institute (Thai Red Cross Society), Thailand
- Polyvalent snake antivenom, National Antivenom and Vaccine Production Centre, Saudi-Arabien
- SAIMR boomslang snake antivenom, SA Vaccine Producers (Pty) Ltd. (The South African Institute for Medical Research), Südafrika
- SAIMR polyvalent snake antivenom, SA Vaccine Producers (Pty) Ltd. (The South African Institute for Medical Research), Südafrika
- Snake Venom Anti Serum polyvalent, Bio Farma, Bandung, Indonesien
- Suero antiofidico polivalente (Polyvalent antivenom), Instituto Clodomiro Picado T. (Universidad de Costa Rica), Costa Rica
- Taipan antivenom 12'000 E, CSL Limited, Australien
- Tiger snake antivenom 3'000 E, CSL Limited, Australien
- Vipera palaestinae Antiserum, Felsenstein Medical Research Center, Petach Tikva-Israel
- Vipera russelli (Russels viper antivenom), Queen Saovabha Memorial Institute (Thai Red Cross Society), Thailand
- Viperfav, Sanofi Pasteur MSD, France
- ViperTab, Protherics, USA
- Viper Venom Antitoxin, European, Institute of Immunology Inc., Kroatien
- Wyeth Antivenin (Crotalidae) Polyvalent, Wyeth Laboratories Inc. Pennsylvania, USA

Antivenin-Sortiment: Giftspinnen

- Antivenin Latrodectus mactans, Merck Sharp and Dohme International, Pennsylvania, USA
- Red back spider antivenom, CSL Limited, Australien

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Species of venomous snake	Antivenom, type of antivenom (manufacturer)	Form	Immunisat. host	Number of vials: expire date	Dosage according to the leaflet *	Location of Depot
Acanthophis antarcticus	Death adder antivenom, monovalent, purified Ig (CSL Limited, Victoria-Australia)	Liquid	Equine (Horse)	3 x 6000 Units: 25.07.2009 3 x 6000 Units: 12.2010	Adults and children: 1 vial 6000 U, which is considerably diluted, as an infusion i.v. The dose can be repeated if necessary.	ZH
Agkistrodon piscivorus (see also cross sensibility)	CroFab polyvalent, F(ab)-Ig (Protherics Inc., Tennessee-USA)	Lyophil.	Ovine (Sheep)	1 x 2 vials: 09.2009 2 x 2 vials: 12.2009	Adults: initial dose 4-6 vials. If initial control not achieved after 1 h, additional dose of 4-6 vials until control of the envenomation. After establishment of control, additional 2-vials doses every 6 h for up to 18 h (3 doses). Additional 2-vial doses may be administered if necessary. Children: no specific studies; but no dosage adjustment for age recommended, same dose in children and adults.	GE
				2 x 2 vials: 03.2010 1 x 1 vial: 03.2010 4 x 2 vials: 04.2012		ZH

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Agkistrodon sp (without indication of species)	Antivipmyn polyvalent, F(ab)-Ig (Istituto Bioclon, Mecixo)	Lyophil	Equine (Horse)	5 x 10ml: 10.2009	<p>Adults: Initial dose (i.v. diluted in NaCl 0,9%) – given during 4 h - based on the severity of envenomation: Minimal envenomation: 3-5 vials. Moderate envenomation: 6-10 vials Severe envenomation: 11-15 vials. Very severe envenomation: 16 or more vials. Additional dose, ev. repeated every 4 h and based on clinical response: normally 5-8 vials or in very severe cases more vials.</p> <p>Children: Minimal envenomation: 6-10 vials. Moderate envenomation: 15 vials. Severe envenomation: 20-30 vials. Very severe envenomation: 31 or more vials. Additional dose, ev. repeated every 4 h and based on clinical response: normally 5-16 vials or in very severe cases more vials.</p>	TG

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Species of venomous snake	Antivenom, type of antivenom (manufacturer)	Form	Immunisat. host	Number of vials: expire date	Dosage according to the leaflet *	Location of Depot
Bitis arietans	SAIMR polyvalent snake antivenom, polyvalent, purified Ig (South African Vaccine Producers (Pty) Ltd, Sandringham-Johannesburg)	Liquid	Equine (Horse)	10 x 10ml: 09.2009	Adults and children: The dose of serum required depends on the amount of venom injected by the snake. Initial dose at least 2 vials injected very slowly i.v. Based on the condition of the patient, additional doses till 10 vials max.	GE
				5 x 10ml: 09.2009 10 x 10ml: 05.2011		ZH
Bitis arietans	Polyvalent snake antivenom Saudi-Arabia, polyvalent, F(ab)2-Ig (National Antivenom and Vaccine Production Centre, Riyadh-Saudi Arabia)	Liquid	Equine (Horse)	20 x 10ml: 10.2009	Adults: generally 40ml antivenom are diluted in approx. 5ml/kg NaCl 0,9% and infused i.v. slowly over 30-60 min. Alternatively, the antivenom can be injected i.v. undiluted at a rate of 4ml/min. The antivenom can be repeated every 4-6 h until definite improvement takes place. Children: adult dose.	GE
				10 x 10ml: 10.2009		ZH
Bitis gabonica	SAIMR polyvalent snake antivenom, polyvalent, purified Ig (South African Vaccine Producers (Pty) Ltd, Sandringham-Johannesburg)	Liquid	Equine (Horse)	10 x 10ml: 09.2009	Adults and children: The dose of serum required depends on the amount of venom injected by the snake. Initial dose at least 2 vials injected very slowly i.v. Based on the condition of the patient, additional doses till 10 vials max.	GE
				5 x 10ml: 09.2009 10 x 10ml: 05.2011		ZH

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Bothrops asper	Suero antiofidico polivalente (polyvalent antivenom), polyvalent, purified Ig (Instituto Clodomiro Picado, Universidad de Costa Rica, Facultad de Microbiologia, Costa Rica)	Liquid	Equine (Horse)	10 x 10ml: 08.2011	Minimal envenomation: 5 vials by i.v. infusion. Moderate to severe envenomation: 10 vials by i.v. infusion.	ZH
				10 x 10ml: 05.2009		TG

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Bothrops atrox	Antivipmyn polyvalent, F(ab)-Ig (Istituto Bioclon, Mecixo)	Lyophil.	Equine (Horse)	5 x 10ml: 10.2009	<p>Adults: Initial dose (i.v. diluted in NaCl 0,9%) – given during 4 h - based on the severity of envenomation: Minimal envenomation: 3-5 vials. Moderate envenomation: 6-10 vials Severe envenomation: 11-15 vials. Very severe envenomation: 16 or more vials. Additional dose, ev. repeated every 4 h and based on clinical response: normally 5-8 vials or in very severe cases more vials.</p> <p>Children: Minimal envenomation: 6-10 vials. Moderate envenomation: 15 vials. Severe envenomation: 20-30 vials. Very severe envenomation: 31 or more vials. Additional dose, ev. repeated every 4 h and based on clinical response: normally 5-16 vials or in very severe cases more vials.</p>	TG

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Bungarus coeruleus	Haffkine lyophilised polyvalent anti-snake venom + solvent, polyvalent, purified Ig (Haffkine Bio-Pharmaceutical Co. Ltd, Mumbai-India)	Lyophil.	Equine (Horse)	10 vials + solv.: 03.2010	Severe envenomation: initial dose of 10-20ml may be administered in i.v.-bolus, provided the patient is not sensitive to antivenin. For minimal to moderate envenomation, see leaflet of the product.	ZH
Bungarus fasciatus	Snake Venom Anti Serum polyvalent, polyvalent, purified Ig (P.T. Bio Farma – Persero, Bandung-Indonesien)	Liquid	Equine (Horse)	20 x 5ml: 11.2008	Adults: Initially, 2 vials of 5 ml be administered by i.v. infusion (in NaCl 0,9%) with 40-80 drops/minute. Repeat the dose after 6 h. The antiserum can be continuously administered in every 24 h until max. volume (80-100ml), if symptoms still remain or getting worst. Undiluted antiserum can be directly given by very slowly and carefully i.v.-injection. Children: same or higher dose than for adults.	TG
	Banded Krait Antivenin (Science Division-Thai Red Cross Society, Queen Saovabha Memorial Institute, Bangkok-Thailand)	Lyophil.	Equine (Horse)	10 vials + solv. 10ml: 20.02.2011	The reconstituted antivenin (with 10 ml aqua ad iniection) should be given by slow i.v. infusion (approx. 2ml/min): Initial dose 50 ml, subsequent dose can be given every 12 h according to the clinical symptoms.	TG

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Calloselasma (Agkistrodon) rhodostoma	Malayan Pit Viper Antivenom, monovalent, purified Ig (Science Division-Thai Red Cross Society, Queen Saovabha Memorial Institute, Bangkok-Thailand)	Lyophil.	Equine (Horse)	3 vials + solv. 10ml: 26.06.2011	The reconstituted antivenin (with 10 ml aqua ad iniectionem) should be given by slow i.v. infusion (approx. 2ml/min): Initial dose 30 ml, subsequent dose can be given every 12 h according to the clinical symptoms.	GE
	Snake Venom Anti Serum polyvalent, purified Ig (P.T. Bio Farma – Persero, Bandung-Indonesien)	Liquid	Equine (Horse)	20 x 5ml: 11.2008	Adults: Initially, 2 vials of 5 ml be administered by i.v. infusion (in NaCl 0,9%) with 40-80 drops/minute. Repeat the dose after 6 h. The antiserum can be continuously administered in every 24 h until max. volume (80-100ml), if symptoms still remain or getting worst. Undiluted antiserum can be directly given by very slowly and carefully i.v.-injection. Children: same or higher dose than for adults.	TG

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Cerastes cerastes	Polyvalent snake antivenom Saudi-Arabia, polyvalent, F(ab)2-Ig (National Antivenom and Vaccine Production Centre, Riyadh-Saudi Arabia)	Liquid	Equine (Horse)	20 x 10ml: 10.2009	Adults: generally 40ml antivenom are diluted in approx. 5ml/kg NaCl 0,9% and infused i.v. slowly over 30-60 min. Alternatively, the antivenom can be injected i.v. undiluted at a rate of 4ml/min. The antivenom can be repeated every 4-6 h until definite improvement takes place. Children: adult dose.	GE
				10 x 10ml: 10.2009		ZH
Crotalus adamanteus	CroFab polyvalent, F(ab)-Ig (Protherics Inc., Tennessee-USA)	Lyophil.	Ovine (Sheep)	1 x 2 vials: 09.2009	Adults: initial dose 4-6 vials. If initial control not achieved after 1 h, additional dose of 4-6 vials until control of the envenomation. After establishment of control, additional 2-vials doses every 6 h for up to 18 h (3 doses). Additional 2-vial doses may be administered if necessary. Children: no specific studies; but no dosage adjustment for age recommended, same dose in children and adults.	GE
				2 x 2 vials: 12.2009		ZH
2 x 2 vials: 03.2010						
1 x 1 vial: 03.2010						
				4 x 2 vials: 04.2012		

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Crotalus atrox	CroFab polyvalent, F(ab)-Ig (Protherics Inc., Tennessee-USA)	Lyophil.	Ovine (Sheep)	1 x 2 vials: 09.2009	see Crotalus adamanteus	GE
				2 x 2 vials: 12.2009		ZH
				2 x 2 vials: 03.2010		
				1 x 1 vial: 03.2010		
				4 x 2 vials: 04.2012		

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Crotalus durissus terrificus	Antivipmyn	Lyophil.	Equine (Horse)	5 x 10ml: 10.2009	<p>Adults: Initial dose (i.v. diluted in NaCl 0,9%) – given during 4 h - based on the severity of envenomation: Minimal envenomation: 3-5 vials. Moderate envenomation: 6-10 vials Severe envenomation: 11-15 vials. Very severe envenomation: 16 or more vials. Additional dose, ev. repeated every 4 h and based on clinical response: normally 5-8 vials or in very severe cases more vials.</p> <p>Children: Minimal envenomation: 6-10 vials. Moderate envenomation: 15 vials. Severe envenomation: 20-30 vials. Very severe envenomation: 31 or more vials. Additional dose, ev. repeated every 4 h and based on clinical response: normally 5-16 vials or in very severe cases more vials.</p>	TG

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Crotalus durissus	Suero antiofidico polivalente (polyvalent antivenom), polyvalent, purified Ig (Instituto Clodomiro Picado, Universidad de Costa Rica, Facultad de Microbiología, Costa Rica)	Liquid	Equine (Horse)	10 x 10ml: 08.2011	Minimal envenomation: 5 vials by i.v. infusion. Moderate to severe envenomation: 10 vials by i.v. infusion.	ZH
				10 x 10ml: 05.2009		TG
Crotalus scutulatus	CroFab polyvalent, F(ab)-Ig (Protherics Inc., Tennessee-USA)	Lyophil.	Ovine (Sheep)	1 x 2 vials: 09.2009	Adults: initial dose 4-6 vials. If initial control not achieved after 1 h, additional dose of 4-6 vials until control of the envenomation. After establishment of control, additional 2-vials doses every 6 h for up to 18 h (3 doses). Additional 2-vial doses may be administered if necessary. Children: no specific studies; but no dosage adjustment for age recommended, same dose in children and adults.	GE
				2 x 2 vials: 12.2009 2 x 2 vials: 03.2010 1 x 1 vial: 03.2010 4 x 2 vials: 04.2012		ZH

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Daboia russelli (Indien)	Haffkine lyophilised polyvalent anti-snake venom, polyvalent, purified Ig (Haffkine Bio-Pharmaceutical Co. Ltd, Mumbai-India)	Lyophil.	Equine (Horse)	10 vials + solv.: 03.2010	Severe envenomation: initial dose of 10-20ml may be administered in i.v.-bolus, provided the patient is not sensitive to antivenin. For minimal to moderate envenomation, see leaflet of the product.	ZH
Daboia russelli (Asien)	Russells Viper antivenom monovalent, purified Ig (Science Division-Thai Red Cross Society, Queen Saovabha Memorial Institute, Bangkok-Thailand)	Lyophil.	Equine (Horse)	3 vials + solv. 10ml: 05.06.2011	The reconstituted antivenin (with 10 ml aqua ad iniectionem) should be given by slow i.v. infusion (approx. 2ml/min): Initial dose 30 ml, subsequent dose can be given every 12 h according to the clinical symptoms.	GE
				10 vials + solv. 10ml: 07.07.2012		TG
				13 vials + solv. 10ml: 13.09.2010		ZH
Dendroaspis angusticeps	SAIMR polyvalent snake antivenom, polyvalent, purified Ig (South African Vaccine Producers (Pty) Ltd, Sandringham-Johannesburg)	Liquid	Equine (Horse)	10 x 10ml: 09.2009	Adults and children: The dose of serum required depends on the amount of venom injected by the snake. Initial dose at least 2 vials injected very slowly i.v. Based on the condition of the patient, additional doses till 10 vials max.	GE
				5 x 10ml: 09.2009 10 x 10ml: 05.2011		ZH

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Netzwerk der schweizerischen Antivenin-Depots Réseau suisse des dépôts de sérums antivenimeux Rete svizzera dei depositi di sieri antiveleno

Species of venomous snake	Antivenom, type of antivenom (manufacturer)	Form	Immunisat. host	Number of vials: expire date	Dosage according to the leaflet *	Location of Depot
Dendroaspis jamesoni	SAIMR polyvalent snake antivenom, polyvalent, purified Ig (South African Vaccine Producers (Pty) Ltd, Sandringham-Johannesburg)	Liquid	Equine (Horse)	10 x 10ml: 09.2009	see Dendroaspis angusticeps	GE
				5 x 10ml: 09.2009 10 x 10ml: 05.2011		ZH
Dendroaspis polylepis	SAIMR polyvalent snake antivenom, polyvalent, purified Ig (South African Vaccine Producers (Pty) Ltd, Sandringham-Johannesburg)	Liquid	Equine (Horse)	10 x 10ml: 09.2009	see Dendroaspis angusticeps	GE
				5 x 10ml: 09.2009 10 x 10ml: 05.2011		ZH
Dispholidus typus	SAIMR boomslang snake antivenom, monovalent, purified Ig (South African Vaccine Producers (Pty) Ltd, Sandringham-Johannesburg)	Liquid	Equine (Horse)	2 x 10ml: 11.2009	Adults and children: Initially inject very slowly 2 vials i.v. The dose of serum required depends on the amount of venom injected by the snake. If the bleeding continues for more than 2 h after the first dose, a further injection of 1-2 vials may be given.	ZH

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Species of venomous snake	Antivenom, type of antivenom (manufacturer)	Form	Immunisat. host	Number of vials: expire date	Dosage according to the leaflet *	Location of Depot
Echis carinatus	Haffkine lyophilised polyvalent anti-snake venom, polyvalent, purified Ig (Haffkine Bio-Pharmaceutical Co. Ltd, Mumbai-India)	Lyophil.	Equine (Horse)	10 vials + solv.: 03.2010	Severe envenomation: initial dose of 10-20ml may be administered in i.v.-bolus, provided the patient is not sensitive to antivenin. For minimal to moderate envenomation, see leaflet of the product.	ZH
				20 x 10ml: 10.2009		Adults: generally 40ml antivenom are diluted in approx. 5ml/kg NaCl 0,9% and infused i.v. slowly over 30-60 min. Alternatively, the antivenom can be injected i.v. undiluted at a rate of 4ml/min. The antivenom can be repeated every 4-6 h until definite improvement takes place. Children: adult dose.
	10 x 10ml: 10.2009	ZH				

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Species of venomous snake	Antivenom, type of antivenom (manufacturer)	Form	Immunisat. host	Number of vials: expire date	Dosage according to the leaflet *	Location of Depot
Echis coloratus	Polyvalent snake antivenom Saudi-Arabia, polyvalent, F(ab)2-Ig (National Antivenom and Vaccine Production Centre, Riyadh-Saudi Arabia)	Liquid	Equine (Horse)	20 x 10ml: 10.2009	Adults: generally 40ml antivenom are diluted in approx. 5ml/kg NaCl 0,9% and infused i.v. slowly over 30-60 min. Alternatively, the antivenom can be injected i.v. undiluted at a rate of 4ml/min. The antivenom can be repeated every 4-6 h until definite improvement takes place. Children: adult dose.	GE
				10 x 10ml: 10.2009		ZH
Hemachatus haemachatus	SAIMR polyvalent snake antivenom, polyvalent, polyvalent Ig (South African Vaccine Producers (Pty) Ltd, Sandringham-Johannesburg)	Liquid	Equine (Horse)	10 x 10ml: 09.2009	Adults and children: The dose of serum required depends on the amount of venom injected by the snake. Initial dose at least 2 vials injected very slowly i.v. Based on the condition of the patient, additional doses till 10 vials max.	GE
				5 x 10ml: 09.2009 10 x 10ml: 05.2011		ZH
Lachesis muta	Suero antiofidico polivalente (polyvalent antivenom), polyvalent, purified Ig (Instituto Clodomiro Picado, Universidad de Costa Rica, Facultad de Microbiologia, Costa Rica)	Liquid	Equine (Horse)	10 x 10ml: 08.2011	Minimal envenomation: 5 vials by i.v. infusion. Moderate to severe envenomation: 10 vials by i.v. infusion.	ZH
				10 x 10ml: 05.2009		TG

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Netzwerk der schweizerischen Antivenin-Depots Réseau suisse des dépôts de sérums antivenimeux Rete svizzera dei depositi di sieri antiveleno

Species of venomous snake	Antivenom, type of antivenom (manufacturer)	Form	Immunisat. host	Number of vials: expire date	Dosage according to the leaflet *	Location of Depot	
Naja haje	SAIMR polyvalent snake antivenom, polyvalent, purified Ig (South African Vaccine Producers (Pty) Ltd, Sandringham-Johannesburg)	Liquid	Equine (Horse)	10 x 10ml: 09.2009	Adults and children: The dose of serum required depends on the amount of venom injected by the snake. Initial dose at least 2 vials injected very slowly i.v. Based on the condition of the patient, additional doses till 10 vials max.	GE	
				5 x 10ml: 09.2009 10 x 10ml: 05.2011		ZH	
	Polyvalent snake antivenom Saudi-Arabia, polyvalent, F(ab)2-Ig (National Antivenom and Vaccine Production Centre, Riyadh-Saudi Arabia)	Liquid	Equine (Horse)	20 x 10ml: 10.2009		Adults: generally 40ml antivenom are diluted in approx. 5ml/kg NaCl 0,9% and infused i.v. slowly over 30-60 min. Alternatively, the antivenom can be injected i.v. undiluted at a rate of 4ml/min. The antivenom can be repeated every 4-6 h until definite improvement takes place. Children: adult dose.	GE
				10 x 10ml: 10.2009			ZH
Naja melanoleuca	SAIMR polyvalent snake antivenom, polyvalent, purified Ig (South African Vaccine Producers (Pty) Ltd, Sandringham-Johannesburg)	Liquid	Equine (Horse)	10 x 10ml: 09.2009	see Naja haje		GE
				5 x 10ml: 09.2009 10 x 10ml: 05.2011			ZH

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Netzwerk der schweizerischen Antivenin-Depots Réseau suisse des dépôts de sérums antivenimeux Rete svizzera dei depositi di sieri antiveleno

Species of venomous snake	Antivenom, type of antivenom (manufacturer)	Form	Immunisat. host	Number of vials: expire date	Dosage according to the leaflet *	Location of Depot
Naja mossambica	SAIMR polyvalent snake antivenom, polyvalent, purified Ig (South African Vaccine Producers (Pty) Ltd, Sandringham-Johannesburg)	Liquid	Equine (Horse)	10 x 10ml: 09.2009	see Naja haje	GE
				5 x 10ml: 09.2009 10 x 10ml: 05.2011		ZH
Naja naja kaouthia	Cobra antivenom (naja naja kaouthia), monovalent, purified Ig (Science Division-Thai Red Cross Society, Queen Saovabha Memorial Institute, Bangkok-Thailand)	Lyophil.	Equine (Horse)	5 vials + solv. 10ml: 13.09.2011	The reconstituted antivenin (with 10 ml aqua ad iniectionem) should be given by slow i.v. infusion (approx. 2ml/min): Initial dose 100 ml, subsequent dose can be given every 12 h according to the clinical symptoms.	GE
				10 vials + solv. 10ml: 08.11.2011		TG
				3 vials + solv. 10ml: 02.03.2011 10 vials + solv. 10ml: 21.10.2013		ZH

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Netzwerk der schweizerischen Antivenin-Depots Réseau suisse des dépôts de sérums antivenimeux Rete svizzera dei depositi di sieri antiveleno

Species of venomous snake	Antivenom, type of antivenom (manufacturer)	Form	Immunisat. host	Number of vials: expire date	Dosage according to the leaflet *	Location of Depot
Naja naja (Indien)	Haffkine lyophilised polyvalent anti-snake venom, polyvalent, purified Ig (Haffkine Bio-Pharmaceutical Co. Ltd, Mumbai-India)	Lyophil.	Equine (Horse)	10 vials + solv.: 03.2010	Adults and children: Initially inject very slowly 2 vials i.v. The dose of serum required depends on the amount of venom injected by the snake. If the bleeding continues for more than 2 h after the first dose, a further injection of 1-2 vials may be given.	ZH
Naja nivea	SAIMR polyvalent snake antivenom, polyvalent, purified Ig (South African Vaccine Producers (Pty) Ltd, Sandringham-Johannesburg)	Liquid	Equine (Horse)	10 x 10ml: 09.2009	Adults and children: The dose of serum required depends on the amount of venom injected by the snake. Initial dose at least 2 vials injected very slowly i.v. Based on the condition of the patient, additional doses till 10 vials max.	GE
				5 x 10ml: 09.2009 10 x 10ml: 05.2011		ZH
Naja sputatrix	Snake Venom Anti Serum, polyvalent, purified Ig (P.T. Bio Farma – Persero, Bandung-Indonesien)	Liquid	Equine (Horse)	20 x 5ml: 11.2008	Initially, 2 vials of 5 ml be administered by i.v. infusion (in NaCl 0,9%) with 40-80 drops/minute. Repeat the dose after 6 h. The antiserum can be continuously administered in every 24 h until max. volume (80-100ml), if symptoms still remain or getting worst. Undiluted antiserum can be directly given by very slowly and carefully i.v.-injection. Children: same or higher dose than adults.	TG

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Netzwerk der schweizerischen Antivenin-Depots Réseau suisse des dépôts de sérums antivenimeux Rete svizzera dei depositi di sieri antiveleno

Species of venomous snake	Antivenom, type of antivenom (manufacturer)	Form	Immunisat. host	Number of vials: expire date	Dosage according to the leaflet *	Location of Depot
Notechis scutatus	Tiger snake antivenom, monovalent, purified Ig (CSL Limited, Victoria-Australia)	Liquid	Equine (Horse)	4 x 3000 Units: 08.10.2010	Adults and children: 1 vial 3000 U, which is considerably diluted and given slowly as a drip into a vein. The dose can be repeated as necessary.	ZH
Ophiophagus hannah	King Cobra Antivenin, monovalent, purified Ig (Science Division-Thai Red Cross Society, Queen Saovabha Memorial Institute, Bangkok-Thailand)	Lyophil.	Equine (Horse)	5 vials + solv. 10ml: 12.10.2009	The reconstituted antivenin (with 10 ml aqua ad iniectionem) should be given by slow i.v. infusion (approx. 2ml/min): Initial dose 50 ml, subsequent dose can be given every 12 h according to the clinical symptoms.	GE
				10 vials + solv. 10ml: 12.10.2009		TG
Oxyuranus scutellatus	Taipan Antivenom, monovalent, purified Ig (CSL Limited, Victoria-Australia)	Liquid	Equine (Horse)	4 x 12'000 Units: 06.2010	Adults and children: 1 or more vials (depending on severity), which are considerably diluted and given by slow i.v. infusion. If severe defibrination: at least 3 vials as initial treatment. Severe systemic envenoming may require up to 8 vials.	ZH

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Netzwerk der schweizerischen Antivenin-Depots Réseau suisse des dépôts de sérums antivenimeux Rete svizzera dei depositi di sieri antiveleno

Species of venomous snake	Antivenom, type of antivenom (manufacturer)	Form	Immunisat. host	Number of vials: expire date	Dosage according to the leaflet *	Location of Depot
Pseudechis australis	Black snake antivenom, monovalent, purified Ig (CSL Limited, Victoria-Australia)	Liquid	Equine (Horse)	3 x 18'000 Units: 11.12.2010	Adults and children: 1 vial 18'000 U, which is considerably diluted and given as a drip into a vein. The dose can be repeated if necessary.	ZH
Pseudonaja textiles	Brown snake antivenom, monovalent, purified Ig (CSL Limited, Victoria-Australia)	Liquid	Equine (Horse)	7 x 1000 Units: 02.2009 1 x 1000 Units: 07.2009 8 x 1000 Units: 02.08.2010	Adults and children: 1 vial 1000 U, which is considerably diluted and given as a drip into a vein. The dose can be repeated if necessary. Most patients require at least 3 vials, but the use of 13 vials has been reported.	ZH

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Netzwerk der schweizerischen Antivenin-Depots Réseau suisse des dépôts de sérums antivenimeux Rete svizzera dei depositi di sieri antiveleno

Species of venomous snake	Antivenom, type of antivenom (manufacturer)	Form	Immunisat. host	Number of vials: expire date	Dosage according to the leaflet *	Location of Depot
Sistrurus sp (without indication of species)	Antivipmyn polyvalent, F(ab)-Ig (Istituto Bioclon, Mecixo)	Lyophil	Equine (Horse)	5 x 10ml: 10.2009	<p>Adults: Initial dose (i.v. diluted in NaCl 0,9%) – given during 4 h - based on the severity of envenomation: Minimal envenomation: 3-5 vials. Moderate envenomation: 6-10 vials Severe envenomation: 11-15 vials. Very severe envenomation: 16 or more vials. Additional dose, ev. repeated every 4 h and based on clinical response: normally 5-8 vials or in very severe cases more vials.</p> <p>Children: Minimal envenomation: 6-10 vials. Moderate envenomation: 15 vials. Severe envenomation: 20-30 vials. Very severe envenomation: 31 or more vials. Additional dose, ev. repeated every 4 h and based on clinical response: normally 5-16 vials or in very severe cases more vials.</p>	TG

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Netzwerk der schweizerischen Antivenin-Depots Réseau suisse des dépôts de sérums antivenimeux Rete svizzera dei depositi di sieri antiveleno

Species of venomous snake	Antivenom, type of antivenom (manufacturer)	Form	Immunisat. host	Number of vials: expire date	Dosage according to the leaflet *	Location of Depot
Trimeresurus albolabris	Green pit viper antivenom (Trimeresurus albolabris), monovalent, purified Ig (Science Division-Thai Red Cross Society, Queen Saovabha Memorial Institute, Bangkok-Thailand)	Lyophil.	Equine (Horse)	3 x 10ml: 11.09.2011	The reconstituted antivenin (with 10 ml aqua ad iniectionem) should be given by slow i.v. infusion (approx. 2ml/min): Initial dose 30 ml, subsequent dose can be given every 12 h according to the clinical symptoms.	GE
				10 x 10ml: 22.08.2012		TG
				10 x 10ml: 11.11.2013		ZH

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Netzwerk der schweizerischen Antivenin-Depots Réseau suisse des dépôts de sérums antivenimeux Rete svizzera dei depositi di sieri antiveleno

Species of venomous snake	Antivenom, type of antivenom (manufacturer)	Form	Immunisat. host	Number of vials: expire date	Dosage according to the leaflet *	Location of Depot
Vipera ammodytes	Viperfav polyvalent, F(ab)2-Ig (Aventis Pasteur MSD, Lyon-France)	Liquid	Equine (Horse)	2 x 4ml: 02.2010	Adults and children: 4ml diluted in 100ml NaCl 0,9% and given by slow i.v. perfusion (at the beginning 15 drops/min or 50 ml/h) over 1 h. This perfusion can be repeated twice with a time interval of 5 h.	BE
				3 x 4ml: 02.2010		GE
				1 x 4ml: 02.2010		GR
				1 x 4ml: 02.2010		TI
				2 x 4ml: 02.2010 3 x 4ml: 08.2010		ZH
				European Viper Venom Antitoxin, F(ab)2-Ig (Institute of Immunology Inc., Zabreb-Croatia)		Liquid

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Netzwerk der schweizerischen Antivenin-Depots Réseau suisse des dépôts de sérums antivenimeux Rete svizzera dei depositi di sieri antiveleno

Species of venomous snake	Antivenom, type of antivenom (manufacturer)	Form	Immunisat. host	Number of vials: expire date	Dosage according to the leaflet *	Location of Depot
Vipera aspis	Viperfav polyvalent, F(ab)2-Ig (Aventis Pasteur MSD, Lyon-France)	Liquid	Equine (Horse)	2 x 4ml: 02.2010	Adults and children: 4ml diluted in 100ml NaCl 0,9% and given by slow i.v. perfusion (at the beginning 15 drops/min or 50 ml/h) over 1 h. This perfusion can be repeated twice with a time interval of 5 h.	BE
				3 x 4ml: 02.2010		GE
				1 x 4ml: 02.2010		GR
				1 x 4ml: 02.2010		TI
				2 x 4ml: 02.2010 3 x 4ml: 08.2010		ZH
Vipera berus	Viperfav polyvalent, F(ab)2-Ig (Aventis Pasteur MSD, Lyon-France)	Liquid	Equine (Horse)	2 x 4ml: 02.2010	Adults and children: 4ml diluted in 100ml NaCl 0,9% and given by slow i.v. perfusion (at the beginning 15 drops/min or 50 ml/h) over 1 h. This perfusion can be repeated twice with a time interval of 5 h.	BE
				3 x 4ml: 02.2010		GE
				1 x 4ml: 02.2010		GR
				1 x 4ml: 02.2010		TI
				2 x 4ml: 02.2010 3 x 4ml: 08.2010		ZH
	European Viper Venom Antitoxin, F(ab)2-Ig (Institute of Immunology Inc., Zabreb-Croatia)	Liquid	Equine (Horse)	4 x 10ml: 01.2010	See Vipera ammodytes	ZH
Vipera russelli (Indien)	siehe Daboia russelli (Indien)					
Vipera russelli (Asien)	siehe Daboia russelli (Asien)					

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Netzwerk der schweizerischen Antivenin-Depots Réseau suisse des dépôts de sérums antivenimeux Rete svizzera dei depositi di sieri antiveleno

Species of venomous snake	Antivenom, type of antivenom (manufacturer)	Form	Immunisat. host	Number of vials: expire date	Dosage according to the leaflet *	Location of Depot
Walterinnesia aegyptia	Polyvalent snake antivenom Saudi-Arabia, polyvalent, F(ab)2-Ig (National Antivenom and Vaccine Production Centre, Riyadh-Saudi Arabia)	Liquid	Equine (Horse)	20 x 10ml: 10.2009	Adults: generally 40ml antivenom are diluted in approx. 5ml/kg NaCl 0,9% and infused i.v. slowly over 30-60 min. Alternatively, the antivenom can be injected i.v. undiluted at a rate of 4ml/min. The antivenom can be repeated every 4-6 h until definite improvement takes place. Children: adult dose.	GE
				10 x 10ml: 10.2009		ZH

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Netzwerk der schweizerischen Antivenin-Depots Réseau suisse des dépôts de sérums antivenimeux Rete svizzera dei depositi di sieri antiveleno

Species of venomous spider	Antivenom, type of antivenom (manufacturer)	Form	Immunisat. host	Number of vials: expire date	Dosage according to the leaflet *	Location of Depot
Latrodectus hasselti	Red back spider antivenom (CSL Limited, Victoria-Australia)	Liquid	Equine (Horse)	3 x 500 Units: 10.10.2010	Adults and children: 1 vial i.m. In severe cases, the i.v. route may be used, first diluting the antivenom 1:10 in Hartmann's solution. The i.v. route is more likely to precipitate anaphylactoid reactions.	ZH
Latrodectus mactans	Antivenin Latrodectus mactans (Merck Sharp and Dohme International, Pennsylvania, USA)	Lyophil.	Equine (Horse)	1 x 1 vial: 11.2010	Adults and children: Symptoms usually subside in 1-3 hours. Although 1 dose of 2,5ml (restored with the sterile diluent bypacked) usually is adequate, a second dose may be necessary in some cases. The preferred route in severe cases: i.v. in 10-50ml of NaCl 0,9% over a 15 min period. (It may be given i.m., preferably in the region of the anterolateral thigh.)	ZH