

ANTIVENIN-CH

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

Nachfolgende Zentren unterhalten in der Schweiz mit Bewilligungen des Schweizerischen Heilmittelinstitutes Swissmedic nachstehend aufgeführte Giftschlangen-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	GE	ZH
Institut für Spitalpharmazie Kantonsspital Münsterlingen	Pharmacie des Hôpitaux Universitaires de Genève	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)1 255 32 02/14 Fax +41 (0)1 255 45 46 Für Notfälle ausserhalb der Öffnungszeiten: Tel +41 (0)1 255 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	TI	GR
Institut für Spitalpharmazie Inselspital	Ospedale San Giovanni	Spitalapotheke SCAG Spitäler Chur AG - Kantonsspital
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-8028 Zürich Tel. +41-1-634 10 20 Fax +41-1-252 88 33
info@toxi.ch ; <http://www.toxi.ch>

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Netzwerk der schweizerischen Antivenin-Depots

Réseau suisse des dépôts de sérums antivenimeux

Rete svizzera dei depositi di sieri antiveleno

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

Zu beachten bleiben für die nachfolgende Liste folgende Punkte:

- Aufgeführt werden lediglich die zur Serenherstellung verwendeten Giftschlangenarten, 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 in der Schweiz transparent darzustellen. Das Netzwerk aktualisiert den Inhalt laufend. Dennoch kann das Netzwerk keinerlei rechtliche Haftung für die bereitgestellten Informationen übernehmen.

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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.

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

- Seules sont citées les espèces de serpents venimeux 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. 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 velenosi a intossicazione sistemica.

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

- Menzionati sono unicamente i tipi di veleno di serpenti 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 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 approntate.

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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: 08. November 2006

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Réseau suisse des dépôts de sérums antivenimeux

Rete svizzera dei depositi di sieri antiveleno

Antivenin-Sortiment:

- 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, Aventis Pasteur MSD, France
- ViperTab, Protherics, USA
- Wyeth Antivenin (Crotalidae) Polyvalent, Wyeth Laboratories Inc. Pennsylvania, USA

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

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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: 01.2007	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)	3 x 2 vials: 12.2008	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
				4 x 2 vials: 01.2007		ZH

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Agkistrodon sp (without indication of species)	Antivipmyn polyvalent, F(ab)-Ig (Istituto Bioclon, Mecixo)	Lyophil	Equine (Horse)	10 x 10ml: 10.2007	<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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Bitis arietans	SAIMR polyvalent snake antivenom, polyvalent, purified Ig (South African Vaccine Producers (Pty) Ltd, Sandringham-Johannesburg)	Liquid	Equine (Horse)	10 x 10ml: 09.2006	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
				9 x 10ml: 02.2006		TG
				10 x 10ml: 09.2006		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)	30 x 10ml: 10.2006	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
				20 x 10ml: 10.2006		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
				9 x 10ml: 02.2006		TG
				10 x 10ml: 09.2009		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: 08.2008	Minimal envenomation: 5 vials by i.v. infusion. Moderate to severe envenomation: 10 vials by i.v. infusion.	ZH

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Bothrops atrox	Antivipmyn polyvalent, F(ab)-Ig (Istituto Bioclon, Mecixo)	Lyophil.	Equine (Horse)	10 x 10ml: 10.2007	<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
				10 vials + solv.: 03.2007		TG
Bungarus fasciatus	Snake Venom Anti Serum polyvalent, polyvalent, purified Ig (P.T. Bio Farma – Persero, Bandung-Indonesien)	Liquid	Equine (Horse)	10 x 5ml : 04.2005	<p>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.</p> <p>Children: same or higher dose than for adults.</p>	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: 19.07.2006	Initially, 20-40ml of the dissolved antivenin should be given by slow i.v. drip (approx. 2ml/min). Subsequently, the full dose may be given every 30-60 min until symptoms improve (or by bolus).	GE
				6 vials + solv 10ml: 08.2006		TG
	Snake Venom Anti Serum polyvalent, purified Ig (P.T. Bio Farma – Persero, Bandung-Indonesien)	Liquid	Equine (Horse)	10 x 5ml : 04.2005		<p>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.</p> <p>Children: same or higher dose than for adults.</p>

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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)	30 x 10ml: 10.2006	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
				20 x 10ml: 10.2006		ZH
Crotalus adamanteus	CroFab polyvalent, F(ab)-Ig (Protherics Inc., Tennessee-USA)	Lyophil.	Ovine (Sheep)	3 x 2 vials: 12.2008	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
				4 x 2 vials: 01.2007		ZH

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Crotalus atrox	CroFab polyvalent, F(ab)-Ig (Protherics Inc., Tennessee-USA)	Lyophil.	Ovine (Sheep)	3 x 2 vials: 12.2008	see Crotalus adamanteus	GE
				4 x 2 vials: 01.2007		ZH
Crotalus durissus terrificus	Antivipmyn	Lyophil.	Equine (Horse)	10 x 10ml: 10.2007	<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: 08.2008	Minimal envenomation: 5 vials by i.v. infusion. Moderate to severe envenomation: 10 vials by i.v. infusion.	ZH
Crotalus scutulatus	CroFab polyvalent, F(ab)-Ig (Protherics Inc., Tennessee-USA)	Lyophil.	Ovine (Sheep)	3 x 2 vials: 12.2008	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
				4 x 2 vials: 01.2007		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
				10 vials + solv: 03.2007		TG
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: 12.01.2006	Initial dose of 30ml of reconstituted antivenin should be given by slow i.v. infusion (approx. 2ml/min). Subsequent dose can be given every 6 hours according to the clinical symptoms.	GE
				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
				9 x 10ml: 02.2006		TG
				10 x 10ml: 09.2009		ZH

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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
				9 x 10ml: 02.2006		TG
				10 x 10ml: 09.2009		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
				9 x 10ml: 02.2006		TG
				10 x 10ml: 09.2009		ZH
Dispholidus typus	SAIMR boomslang snake antivenom, monovalent, purified Ig (South African Vaccine Producers (Pty) Ltd, Sandringham-Johannesburg)	Liquid	Equine (Horse)	2 x 10ml: 11.2008	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
				10 vials + solv: 03.2007		TG
	Polyvalent snake antivenom Saudi-Arabia, polyvalent, F(ab)2-Ig (National Antivenom and Vaccine Production Centre, Riyadh-Saudi Arabia)	Liquid	Equine (Horse)	30 x 10ml: 10.2006	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
				20 x 10ml: 10.2006		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)	30 x 10ml: 10.2006	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
				20 x 10ml: 10.2006		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
				10 x 10ml: 09.2006		ZH
				9 x 10ml: 02.2009		TG
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: 08.2008	Minimal envenomation: 5 vials by i.v. infusion. Moderate to severe envenomation: 10 vials by i.v. infusion.	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	
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	
				9 x 10ml: 02.2006		TG	
				10 x 10ml: 09.2009		ZH	
	Polyvalent snake antivenom Saudi-Arabia, polyvalent, F(ab)2-Ig (National Antivenom and Vaccine Production Centre, Riyadh-Saudi Arabia)	Liquid	Equine (Horse)	30 x 10ml: 10.2006		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
				20 x 10ml: 10.2006			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
				9 x 10ml: 02.2006			TG
				10 x 10ml: 09.2009			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
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
				9 x 10ml: 02.2006		TG
				10 x 10ml: 09.2009		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: 21.12.2006	Initial dose 100ml. The reconstituted antivenin should be given by slow i.v. infusion (approx. 2ml/min). Subsequent dose can be given every 12 h according to the clinical symptoms.	GE
				10 vials + solv. 10ml: 06.11.2008		ZH
				3 vials + solv. 10ml 02.03.2011		TG
				4 vials + solv. 10ml: 12.2003		
2 vials + solv. 10ml: 09.2003						

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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
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
				10 vials + solv: 03.2007		TG
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
				9 x 10ml: 02.2006		TG
				10 x 10ml: 09.2009		ZH
Naja sputatrix	Snake Venom Anti Serum, polyvalent, purified Ig (P.T. Bio Farma – Persero, Bandung-Indonesien)	Liquid	Equine (Horse)	10 x 5ml : 04.2005	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: 06.2007	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
				4 x 3000 Units: 03.2005		TG
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: 14.09.2006	Initially, 20-40ml of the dissolved antivenin should be given by slow i.v. drip (approx. 2ml/min). Subsequently, the full dose may be given every 30-60 min until symptoms improve (or by bolus).	GE
				5 vials + solv. 10ml: 09.2006		TG
Oxyuranus scutellatus	Taipan Antivenom, monovalent, purified Ig (CSL Limited, Victoria-Australia)	Liquid	Equine (Horse)	4 x 12'000 Units: 01.2007	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: 18.11.2008	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)	8 x 1000 Units: 01.2007	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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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 (Instituto Bioclon, Mecixo)	Lyophil	Equine (Horse)	10 x 10ml: 10.2007	<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
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: 12.10.2006	Initial dose of 30ml of reconstituted antivenin should be given by slow i.v. infusion (approx. 2ml/min). Subsequent dose can be given every 6 hours according to the clinical symptoms.	GE
				10 x 10ml: 13.11.2008		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
Vipera ammodytes	Viperfav polyvalent, F(ab)2-Ig (Aventis Pasteur MSD, Lyon-France)	Liquid	Equine (Horse)	2 x 4ml: 30.11.2007	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
				1 x 4ml: 30.11.2007		GR
				1 x 4ml: 30.11.2007		TI
				6 x 4ml: 30.11.2007		ZH
	European Viper Venom Antitoxin, F(ab)2-Ig (Institute of Immunology Inc., Zabreb-Croatia)	Liquid	Equine (Horse)	3 x 10ml: 01.2007	Adults and children: If administered immediately after a snake bite, a dose of 10ml can be injected i.m. If 4 h or more hours since snake bite or if the bite occurred in a major blood vessel, on the head or blood-rich spots (fingertips), 20-40ml of antiserum should be administered. Only if there are signs of vital indications, 40ml of antiserum should be injected very slowly i.v. with a 1:1000 adrenalin solution and corticosteroids being at hand.	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
Vipera aspis	Viperfav polyvalent, F(ab)2-Ig (Aventis Pasteur MSD, Lyon-France)	Liquid	Equine (Horse)	2 x 4ml: 30.11.2007	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
				1 x 4ml: 30.11.2007		GR
				1 x 4ml: 30.11.2007		TI
				6 x 4ml: 30.11.2007		ZH
Vipera berus	Viperfav polyvalent, F(ab)2-Ig (Aventis Pasteur MSD, Lyon-France)	Liquid	Equine (Horse)	2 x 4ml: 30.11.2007	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
				1 x 4ml: 31.11.2007		GR
				1 x 4ml: 30.11.2007		TI
				6 x 4ml: 30.11.2007		ZH
	ViperaTab Lyophilisat, monovalent, F(ab)-Ig (Protherics Inc., Tennessee-USA)	Lyophil.	Ovine (Sheep)	2 x 2 vials: 04.2009	Inject the reconstituted (5ml sterile water per vial) liquid contents of 2 vials into a infusion bag containing 100ml NaCl 0,9% and give by single dose i.v.-infusion over 30 min. Additional 2 doses of 2 vials should be administered in a similar manner if and when there is clinical evidence of progression of signs and symptoms of envenomation.	GE

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Vipera palaestinae	Vipera Palestinae Antiserum, monovalent, purified Ig (Felsenstein Medical Research Center, Petach Tikva-Israel)	Liquid	Equine/mule (Horse/mule)	5 x 10ml: 08.2006	30-80ml by slow intravenous injection. It can be given in a fast i.v. infusion diluted with NaCl 0,9% or Glucose 5%. If the bleeding or general signs continue the i.v. treatment should be repeated after a number of hours using 30ml of antiserum.	TG
Vipera russelli (Indien)	siehe Daboia russelli (Indien)					
Vipera russelli (Asien)	siehe Daboia russelli (Asien)					
Walterinnesia aegyptia	Polyvalent snake antivenom Saudi-Arabia, polyvalent, F(ab)2-Ig (National Antivenom and Vaccine Production Centre, Riyadh-Saudi Arabia)	Liquid	Equine (Horse)	30 x 10ml: 10.2006	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
				20 x 10ml: 10.2006		ZH