

Appendix 1

Reasons for admission in asylum-seeking and non-asylum-seeking patients in a paediatric tertiary care centre

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Table S1: Diagnostics and treatments for top five asylum-seeking diagnoses.											
ICD-10	Total number of admissions	Pathogens					Radiology			Treatment	
		Screening positive				Screening negative	Total	X-ray	U S		n
		Total	Viral	Bacterial	Parasite						
J06	9	In 7/8	Rhinovirus / Enterovirus (4)	<i>Streptococcus pyogenes</i> (1)		In 1/8	4	3	1	Analgesic	5
			Adenovirus (2)							Antibiotic	4
			Coronavirus (1)							Symtomatical therapy	3
			Influenza B (1)							Substitution	3
			EBV VCA IgG (1)							Re-/hydration	2
										Benzodiazepine	2
										Antifungal therapy	1
										Antiemetics	1
										PPI	1

B51	4	In 3/4			<i>Plasmodium vivax</i> (3)	In 1/4	0	0	0	Antiparasite therapy	4
										Antibiotic	2
										Analgesic	2
										Antiemetics	1
										Re-/hydration	1
S00	3	In 0/0				In 0/0	5	3	2	Analgesic	2
										Symptomatic therapy	1
										Surgical conservative	1
P22	7	In 0/0				In 0/0	17	8	9	Substitution	9
										Antibiotic	4
										Re-/hydration	3
										Parasympathomimetic um	2
										Phototherapie	2
F43	5	In 0/0				In 0/0	1	0	1	Psychotropics	3
										Psychotherapy	2
										Analgesic	1

Table S2: Detailed analysis of analgesic treatment.

	Administration route	Medicaments	Asylum-seeking		Non-asylum-seeking	
			Accounting unit	Unit/hosp.	Accounting unit	Unit/hosp.
Paracetamol	Oral	Becetamol Tropfen 20ml, pro ml	5	0.03	421	0.04
		Ben-u-ron Saft 200 mg/5ml 100 ml, pro 1m	0		46	0.003
		Dafalgan 500 mg Tabl., pro Stk.	24	0.16	544	0.05
		Dafalgan 500mg Brausetabletten, pro Stk.	2	0.01	1124	0.1
		Dafalgan Filmtabl 1g, pro St.	19	0.13	2458	0.21
		Dafalgan Filmtabl 1g, pro Stk.	0		1	
		Dafalgan Odis Schmelztabl 500 mg 1 Stk	4	0.03	571	0.05
		Dafalgan ODIS Schmelztabl, pro Stk.	0		162	0.01
		Dafalgan Sirup 3% Inf 90ml, pro ml	31	0.21	15,043	1.3
	Rectal	Ben U Ron 500mg Supp., pro Stk.	44	0.3	4783	0.41
		Ben U Ron Supp 125 mg Bébé, pro Stk.	5	0.03	990	0.09
		Ben U Ron Supp 250 mg, pro Stk.	6	0.04	1488	0.13
		Ben U Ron 1g Suppositooren, pro Stk.	0		83	0.007
		Ben U Ron Supp 75 mg Bébé, pro Stk.	0		407	0.03
	i.v.	Paracetamol Sintetica 1g/ 100ml, pro Amp	15	0.1	6613	0.06
		Paracetamol Sintetica 500mg/50ml 1 STK	4	0.03	2595	0.22
		Perfalgan 1g / 100ml, pro Amp.	6	0.04	333	0.03
		Perfalgan 500mg Stechamp. Kinder, pro Am	4	0.03	1379	0.12
		Perfalgan Inf Lös 1g 12 Durchstf 100 ml	2	0.01	765	0.07
		Perfalgan Inf Lös 500mg 12 Durchst 50 ml	1	0.01	330	0.03
	Total		172	1.15	40,136	3.45

Non-steroidal anti-inflammatory drugs	Oral	Algifor Junior Susp 100 mg/5ml 1 FL pro	0		264	0.02
		Algifor Junior Susp 100 mg/5ml, pro ml	212	1.42	14,825	1.27
		Algifor Junior Susp 100mg/5ml Fl 200 ml,	0		606	0.05
		Apranax Tabl 550 mg, pro Stk.	0		2	
		Aspegic 100 Plv 100 mg Btl, pro Beutel	0		35	0.003
		Aspegic INJ Trockensub 0.5 g Vial 20 Stk	0		6	
		Aspegic Plv 500 mg Btl, pro Beutel	0		25	0.002
		Brufen Brausegran 600mg, pro Btl.	4	0.03	99	0.009
		Brufen Filmtabl 200 mg 30 Stk, pro Stk.	2	0.01	76	0.007
		Brufen Filmtabletten 200 mg, pro Stk.	0		19	0.002
		Brufen Filmtabs 400mg, pro Stk.	7	0.04	1172	0.1
		Brufen Filmtabs 600mg, pro Stk.	2	0.01	321	0.03
		Ponstan 250mg Kps, pro Stk.	2	0.01	499	0.04
		Ponstan Filmtabs 500 mg, pro Stk.	0		397	0.03
		Ponstan Susp 50 mg/5ml, pro ml	0		2437	0.21
		Spedifen 400 Gran 400 mg Btl 30 Stk	0		4	
		Tora Dol Tbl 10mg, pro Stk.	0		2	
		Voltaren 25mg Tbl, pro Stk.	0		6	
		Voltaren Drag 50 mg, pro Stk.	1	0.01	2	
		Voltaren Tropfen 1,5% 20 ml, pro ml	0		6	
	Rectal	Nurofen Junior Supp 125 mg, pro Stk	0		34	0.003
		Nurofen Junior Supp 60 mg, pro Stk.	0		51	0.004
		Ponstan Supp 125 mg Inf, pro Stk.	2	0.01	562	0.05
		Ponstan Supp 500 mg Ad, pro Stk.	0		179	0.02
		Voltaren 100mg Supp., pro Stk.	0		2	
		Voltaren 12.5 Supp 12.5 mg Inf, pro Stk.	0		2	
		Voltaren 50mg Supp, pro Stk.	0		3	

	i.v.	Indometacin Inj. Lös. 100 mcg/ml 5ml pro	0		78	0.007
		Toradol Amp. 30mg, pro Amp.	47	0.32	5385	0.46
	Total		279	1.87	27,099	2.33
Opioids	oral	Morphin HCL Trinklösung 1mg/ml 30 ml, pr	0		271	0.02
		Morphin HCL Trinklösung 20mg/ml 30 ml,	0		95	0.008
		MST Continus Compr retard 10mg, pro Stk.	0		26	0.002
		MST Continus Ret Tabl 30 mg, pro Stk.	0		22	0.002
		Oxynorm Tropfen 10mg/ml, pro ml	0		25	0.002
		Tramal 100mg/ml 10ml Tropfen FI, pro ml	0		605	0.05
	i.v.	Fentanyl 0,5mg/10ml, pro Amp.	0		424	0.04
		Fentanyl Amp. 0,1mg/2ml, pro Amp.	2	0.01	533	0.05
		Morphin HCL Bichsel 100 mg/ 10ml, pro Am	3	0.02	248	0.02
		Morphin HCL Bichsel 20 mg/ml 1ml, pro A	0		1	
		Morphin HCL Bichsel 2mg/10ml 10ml, pro A	0		1	
		Morphin HCL Sintetica 100mg/10ml, pro Am	4	0.03	203	0.02
		Morphin HCL Sintetica 2mg/2ml, pro Amp.	0		103	0.009
		Morphinium HCL 1% 1ml, pro Amp.	22	0.15	2469	0.21
		Nalbuphin Orpha Inj Lös 20mg 2 ml, pro A	24	0.16	2814	0.24
		Pethidin HCL SinteticaLös 50mg/1ml, pro	0		4	
		Tramal 100mg/2ml, pro Amp.	0		1	
		Others	Durogesic Matrix TTS 12 mcg, pro Stk.	0		4
	Durogesic Matrix TTS 25 mcg, pro Stk.		0		12	
	Total		55	0.37	7861	0.68
i.v. = intravenous; unit/hosp. = unit per hospitalisation						

Table S3: Detailed analysis of antibiotic treatment.

	Administration route	Medicaments	Asylum-seeking		Non-asylum-seeking	
			Accounting unit	Unit/hosp.	Accounting unit	Unit/hosp.
Amoxicillin – Clavulanic acid	Oral	Augmentin Compr 625mg, pro Stk.	0		173	0.01
		Augmentin Duo Susp Fl 140 ml, pro ml	52	0.35	2918	0.25
		Augmentin Filmtabs 1g, pro Stk.	0		100	0.01
		Augmentin Trio Forte 312.5mg/5ml 100ml,	0		196	0.02
		Co-Amoxi Mepha Disp Tbl 1000mg, pro Stk	0		4	
		Co-Amoxi Mepha Disp Tbl 625mg, pro Stk	0		11	0.001
		Co-Amoxi Mepha Plv 312.5mg Susp, pro ml	0		7	
		Co-Amoxi Mepha Plv 457mg Susp, pro ml	0		193	0.01
		Co-Amoxi Mepha Trockensub 1,1 g, pro Stk	1	0.01	54	0.005
		Co-Amoxi Mepha Trockensub 1,2 g, pro Stk	0		1	
		Co-Amoxi Mepha Trockensub 2,2 g, pro St	0		28	0.002
	Co-Amoxi Mepha Trockensub 550mg, pro Stk	1	0.01	64	0.005	
	i.v.	Augmentin Amp 2,2gr, pro Amp.	5	0.03	778	0.07
		Augmentin Inj.Lös 550 mg, pro Amp.	9	0.06	2260	0.19
Augmentin Vitr. 1,1g, pro Amp.		41	0.28	1352	0.12	
Total		109	0.73	8139	0.7	
Cephalosporin	Oral	Cedax Susp 36 mg/ml 30 ml	0		11	0.001
		Cedax Susp 36 mg/ml 60ml, pro ml	0		250	0.02
		Cefepim Sandoz Trockensub 1g Durchstf.,	0		9	
		Cefepim Sandoz Trockensub 2g Durchstf. p	0		16	0.001
		Zinat 500mg Filmtbl., pro Stk.	0		2	
		Zinat Susp 125mg/5ml, pro ml	0		38	0.003
	i.v.	Cefuroxim Fresenius i.v. 750mg, 15ml, pr	0		7	
		Kefzol Trockensub 1 g Stecha 10ml, pro A	5	0.03	658	0.06
		Rocephin 2g, pro Amp.	3	0.02	231	0.02

		Rocephin Trockensub 1g i.v. c sol 10ml,	4	0.03	266	0.02
		Rocephin Trockensub 500mg i.v. 5ml, pro	2	0.01	303	0.03
		Zinacef 1,5g, pro Amp.	1	0.01	265	0.02
		Zinacef 750mg 20ml, pro Amp.	0		289	0.02
	Total		15	0.1	2345	0.2

i.v. = intra venous; unit/hosp. = unit per hospitalisation