

Supplementary tables to the article:

The clinical pharmacist's role in the ENT perioperative period: preliminary results from 30 patients, Aleksandra Kojtek, Magdalena B. Skarzynska, *J Hear Sci*, 2025; 15(1): 25–29, <https://doi.org/10.17430/jhs/203102>

Supplementary Table 1A – ADULTS. Description of 24 adult patients enrolled to the study (blood results, type and date of surgery, postoperative recommendations, sex, age on the day of surgery, permanent medications, drug allergies/ sensitization)

Patient			Research results			Type and date of surgery	Postoperative recommendations
Sex, age on the day of surgery, dates of hospital stay	Permanent medications, comorbidities, smoker/ non-smoker	Drug allergies/ sensitization	Survey	Result	Standard		
F 32 years old 19.08.2023	– does not accept – no comorbidities – non-smoker	not found	“test results within normal limits”			anterior tympanotomy of the left ear with ventilation drainage under local anesthesia 19.08.2023	It is forbidden to wet the operated ear for 30 days, after 30 days it is possible to soak and swim in the pool with an anti-water pad. Follow-up examination 1.5 months after the procedure.
H65.3							
F 27 years old 19.12.2023	– does not accept – anxiety disorder, gastroesophageal reflux – no information about smoking status	Clindamycin allergy	not tested – procedure under local anesthesia			bilateral anterior tympanotomy with ventilation drainage under local anesthesia 19.12.2023	Mometasone furoate from the 3rd day after the procedure, 1× daily 2 doses into each nasal passage for 60 days. Nasal ointment from the 2nd day after the procedure for 30 days. Fexofenadine hydrochloride 180 mg, 1× daily for 2 months. Nasal irrigation 2× a day. No wetting of the operated ear for 30 days, after 30 days it is possible to soak and swim in the pool with an anti-water insert. Follow-up examination 27.12.2023
H66.0							
F 31 years old 19.12.2023	lack of information	lack of information	lack of information			bilateral anterior tympanotomy with bilateral ventilation drainage under local anesthesia 19.12.2023	No wetting of the operated ear for 30 days, after 30 days it is possible to soak and swim in the pool with an anti-water insert.
H69.8							
M 31 years old 7.12.2023	– does not accept – no comorbidities – no information about smoking status	not found	not tested – procedure under local anesthesia			bilateral anterior tympanotomy with bilateral ventilation drainage 7.12.2023	No wetting of the operated ear for 30 days, after 30 days it is possible to soak and swim in the pool with an anti-water insert.

Patient			Research results			Type and date of surgery	Postoperative recommendations
Sex, age on the day of surgery, dates of hospital stay	Permanent medications, comorbidities, smoker/ non-smoker	Drug allergies/sensitization	Survey	Result	Standard		
H71							
M 26 years old 24–25.06.2023	– does not accept – no comorbidities – no information about smoking status	not found	“test results within normal limits”			epitympanotomy with atticoanthromastoideotomy of the left ear with removal of extensive granulation cholesteatoma, anterior tympanotomy of the right ear with drainage 24.06.2023	Clindamycin capsules 300 mg, 1 capsule every 8 hours for 7 days. Protective probiotic for 7 days (at least 1 hour before/after antibiotic). Avoiding physical exertion for 14 days. No wetting of the operated ear for 30 days, after 30 days it is possible to soak and swim in the pool with an anti-water insert. Check-up 30.06.2023
H74.8							
F 28 years old 1–2.02.2023	– does not accept – no comorbidities – no information about smoking status		AB	A Rh+	–	myringoossiculoplasty of the left ear, anterior tympanotomy of the right ear with ventilation drainage 1.02.2023	Amoxicillin + clavulanic acid tablets 625 mg, 1 tab. every 12 hours for 7 days. Protective probiotic for 7 days (min 1 hour before/after antibiotic). Avoiding physical exertion for 14 days. No wetting of the operated ear for 30 days, after 30 days it is possible to soak and swim in the pool with an anti-water insert.
			HGB [g/dl]	13.20	N		
			HCT [%]	39.0	N		
			RBC [M/μl]	4.32	N		
			WBC [K/μl]	4.1	N		
			PLT [K/μl]	236	N		
			time k-k [s]	32.9	N		
			PT [%]	99.15	N		
			INR	1.01	N		
			PT time [s]	11.80	N		
			ECG (ECG)				
			chest X-ray				

Patient			Research results			Type and date of surgery	Postoperative recommendations
Sex, age on the day of surgery, dates of hospital stay	Permanent medications, comorbidities, smoker/ non-smoker	Drug allergies/sensitization	Survey	Result	Standard		
M 31 years old 5.06.2023	– does not accept – no comorbidities – no information about smoking status	not found	AB	A Rh+	–	tympanotomy with lesion removal and short-term ventilation drainage of the right ear and tympanotomy with lesion removal, pocket mobilization and ventilation drainage of the left ear 5.06.2023	Mometasone furoate from the 3rd day after the procedure, 1× daily 2 doses into each nasal passage for 30 days. Nasal ointment from the 2nd day after the procedure for 30 days. Dexamethasone in the operated ear, 1 drop 1× a day for 5 days. Ciprofloxacin + fluocinolone acetonide for the operated ear, for emergency leakage or ear pain. Fexofenadine Hydrochloride 180 mg, 1× daily. No wetting of the operated ear for 30 days, after 30 days it is possible to soak and swim in the pool with an anti-water insert. Check-up 13.06.2023
			HGB said [g/dl]	18.8	H		
			HCT [%]	52.8	H		
			RBC [M/μl]	6.40	N		
			WBC [K/μl]	5.40	N		
			PLT [K/μl]	159	N		
			time k-k [s]	28.80	N		
			PT [%]	92.42	N		
			INR	1.10	N		
			PT time [s]	13.20	N		
F 32 years old 11–12.10.2023	– does not accept – no comorbidities – no information about smoking status	not found	AB	B Rh–	–	epitympanotomy with right ear myringoplasty with ventilation drainage 11.10.2023	Amoxicillin + clavulanic acid 625 mg (tablets), 1 tab. every 12 hours for 7 days. Probiotic for 7 days (min 1 hour before/after antibiotic). Avoiding physical exertion for 14 days. No wetting of the operated ear for 30 days, after 30 days it is possible to soak and swim in the pool with an anti-water insert. Follow-up visit approx. 3–4 weeks. after the procedure.
			HGB [g/dl]	11.6	N		
			HCT [%]	33.6	N		
			RBC [M/μl]	4.41	N		
			WBC [K/μl]	4.75	N		
			PLT [K/μl]	285	N		
			time k-k [s]	31.9	N		
			PT [%]	98.10	N		
			INR	1.02	N		
			PT time [s]	11.0	N		
			ECG (ECG)				
			chest X-ray				

Patient			Research results			Type and date of surgery	Postoperative recommendations
Sex, age on the day of surgery, dates of hospital stay	Permanent medications, comorbidities, smoker/ non-smoker	Drug allergies/sensitization	Survey	Result	Standard		
H91.2							
F 1.06.2023	– lack of information – no comorbidities – no information about smoking status	lack of information	lack of information			anterior tympanotomy of the right ear with right-sided ventilation drainage 1.06.2023	Dexamethasone into the operated ear 2× daily, 2 drops for 10 days. No wetting of the operated ear for 30 days, after 30 days it is possible to soak and swim in the pool with an anti-water insert. Check-up 20.06.2023
J35.0							
M 34 years old 29–31.03.2023	– does not accept – psoriasis – no information about smoking status	dissolvable sutures	AB	A Rh+	–	bilateral tonsillectomy using the BIZact method, adenoidectomy with histopathological examination 29.03.2023	Clindamycin 300 mg 3× daily 1 tab. for 7 days. Probiotic 2× a day for 7 days (at least 1 hour before/after the antibiotic). Diclofenac sodium 100 mg suppositories used if needed. Avoiding physical exertion for 14 days. Check-up 4.04.2023
			HGB [g/dl]	16.4	N		
			HCT [%]	47.2	N		
			RBC [M/μl]	5.44	N		
			WBC [K/μl]	6.81	N		
			PLT [K/μl]	239	N		
			time k-k [s]	34.10	N		
			PT [%]	97.0	N		
			INR	1.03	N		
			PT time [s]	11.5	N		
			ECG (ECG)				
			chest X-ray				

Patient			Research results			Type and date of surgery	Postoperative recommendations
Sex, age on the day of surgery, dates of hospital stay	Permanent medications, comorbidities, smoker/ non-smoker	Drug allergies/sensitization	Survey	Result	Standard		
J35.2							
F 41 years old 13–14.11.2023	– Metformine, – atopic dermatitis, T2D, chronic cholesteatomatous, otitis media of the right ear – no information about smoking status	salicylates	AB	A Rh–	–	adenoidectomy with histopathological examination, bilateral anterior tympanotomy with right-sided ventilation drainage and left-sided ventilation drainage 13.11.2023	Amoxicillin + clavulanic acid 625 mg 2× daily 2 capsules for 7 days Probiotic 2× daily for 7 days (min 1 hour before/after antibiotic). Avoiding physical exertion and hot food for 7 days. No wetting of the operated ear for 30 days, after 30 days it is possible to soak and swim in the pool with an anti-water insert. Check-up 20.11.2023
			HGB [g/dl]	13.6	N		
			HCT [%]	41.8	N		
			RBC [M/μl]	4.59	N		
			WBC [K/μl]	6.61	N		
			PLT [K/μl]	357	N		
			time k-k [s]	31.0	N		
			PT [%]	96.30	N		
			INR	1.04	N		
			PT time [s]	10.7	L		
			ECG (ECG)				
chest X-ray							
M 29 years old 6–7.07.2023	lack of information					adenoidectomy with histopathological examination 6.07.2023	lack of information
J32.3							
F 33 years old 22–24.05.2023	– does not accept – nearsightedness – no information about smoking status	not found	AB	B Rh–	–	septoplasty, endoscopic plastic surgery of the middle nasal turbinates bilaterally, left-sided sphenotomy 22.05.2023	Clindamycin capsules 300 mg, 1 capsule every 8 hours for 7 days. Nasal irrigation 6× a day for a month. Mupirocin nasal ointment 3× a day. Avoiding physical exertion for 14 days. Check-up 29.05.2023
			HGB [g/dl]	13.3	N		
			HCT [%]	39.6	N		
			RBC [M/μl]	4.33	N		
			WBC [K/μl]	5.37	N		
			PLT [K/μl]	184	N		
			time k-k [s]	26.9	N		
			PT [%]	88	N		
			INR	1.15	N		
			ECG (ECG)				
			chest X-ray				

Patient			Research results			Type and date of surgery	Postoperative recommendations
Sex, age on the day of surgery, dates of hospital stay	Permanent medications, comorbidities, smoker/ non-smoker	Drug allergies/sensitization	Survey	Result	Standard		
J32.4							
M 24 years old 13–15.12.2023	– Venlafaxine Symbicort said Medikinet Metmin said Triptych – asthma, ADHD, depression – no information about smoking status	inhalation allergy, food allergy	AB	A Rh+	–	sinusotomy of the left maxillary sinus, right-sided frontoidectomy 13.12.2023	Nasal irrigation several times a day (at least 6). Clarithromycin 500 mg, 2× 1 tab. for 7 days. Probiotic (min 1 hour before/after antibiotic). A sparing lifestyle and avoiding physical exertion. Check-up 2.01.2023
			HGB [g/dl]	5.10	L		
			HCT [%]	48.1	N		
			RBC [M/μl]	5.10	N		
			WBC [K/μl]	7.07	N		
			PLT [K/μl]	300	N		
			time k-k [s]	29.8	N		
			PT [%]	94	N		
			INR	1.07	N		
			ECG (ECG)				
			chest X-ray				
F 25 years 4–6.10.2023	– Rhinopantei – Gilbert's syndrome, thoracic disc disease – non-smoker	not found	AB	A Rh+	–	frontosphenothmoidectomy with sinusostomy of the maxillary sinuses bilaterally 4.10.2023	Nasal irrigation several times a day (at least 6). Clarithromycin 500 mg, 2× 1 tab. for 10 days. Probiotic (min 1 hour before/after antibiotic). Methylprednisolone tablets of 4 mg each: 12 mg (3 tab.) – 4 days, 8 mg (2 tab.) – 4 days, 4 mg (1 tab.) – 4 days, 2 mg (1/2 tab.) – 4 days. Omeprazole 0.04 g, 1 tab. 1× daily. A sparing lifestyle and avoiding physical exertion. Check-up 16.10.2023
			HGB [g/dl]	15.20	N		
			HCT [%]	44.60	N		
			RBC [M/μl]	4.90	N		
			WBC [K/μl]	8.13	N		
			PLT [K/μl]	311	N		
			time k-k [s]	39.70	H		
			PT [%]	81	N		
			INR	1.22	H		
			PT time [s]	13.70	N		
			ECG (ECG)				
chest X-ray							

Patient			Research results			Type and date of surgery	Postoperative recommendations
Sex, age on the day of surgery, dates of hospital stay	Permanent medications, comorbidities, smoker/ non-smoker	Drug allergies/sensitization	Survey	Result	Standard		
M 27 years old 13–16.11.2023	– does not accept – no comorbidities – periodic smoking	not found	AB	0 Rh+	–	frontosphenoidectomy with sinusostomy of the maxillary sinuses bilaterally 13.11.2023	Nasal irrigation several times a day (at least 6). Tranexamic acid 0.5 g, 2× daily for 5 days. Clarithromycin 500 mg, 2× 1 tab. for 10 days. Probiotic (min 1 hour before/after antibiotic). Methylprednisolone tablets of 4 mg; 16 mg (4 tab.) – 4 days, 12 mg (3 tab.) – 4 days, 8 mg (2 tab.) – 4 days, 4 mg (1 tab.) – 5 days, 2 mg (1/2 tab.) – 5 days. Omeprazole 40 mg, 1× daily 1 tab. Lifestyle-saving and avoiding physical exertion. Check-up 28.11.2023
			HGB [g/dl]	16.8	N		
			HCT [%]	50.3	N		
			RBC [M/μl]	5.53	N		
			WBC [K/μl]	7.07	N		
			PLT [K/μl]	220	N		
			time k-k [s]	26.0	N		
			PT [%]	113.59	N		
			INR	0.88	N		
			PT time [s]	10.3	L		
			ECG (ECG)				
			chest X-ray				
J34.2							
M 28 years old 22–24.11.2023	– does not accept – no comorbidities – no information about smoking status	not found	AB	B Rh+	–	septoplasty with endoscopic plastic surgery of the nasal turbinates on the right side 22.11.2023	Nasal irrigation several times a day (at least 6). Clindamycin 300 mg capsules, 1 capsule every 8 hours for 7 days. Mupirocin nasal ointment 3× a day. Avoiding physical exertion for 14 days. Follow-up examination 1.12.2023
			HGB [g/dl]	14.6	N		
			HCT (high, hospital) [%]	45.8	N		
			RBC [M/μl]	6.13	N		
			WBC [K/μl]	6.80	N		
			PLT [K/μl]	247	N		
			time k-k [s]	32.3	N		
			PT [%]	100.8	N		
			INR	0.99	N		
			PT time [s]	11.8	N		
			ECG (ECG)				
			chest X-ray				

Patient			Research results			Type and date of surgery	Postoperative recommendations
Sex, age on the day of surgery, dates of hospital stay	Permanent medications, comorbidities, smoker/ non-smoker	Drug allergies/sensitization	Survey	Result	Standard		
F 24 years old 13–15.11.2023	– does not accept – no comorbidities – non-smoker	fur, pollen	AB	A Rh+	–	septoplasty 13.11.2023	Clindamycin 300 mg capsules, 1 capsule every 8 hours for 10 days. Nasal irrigation several times a day (at least 6). Mupirocin nasal ointment 3× a day. Avoiding physical exertion for 14 days. Follow-up examination 21.11.2023
			HGB [g/dl]	13.50	N		
			HCT [%]	39.7	N		
			RBC [M/μl]	4.50	N		
			WBC [K/μl]	7.51	N		
			PLT [K/μl]	280	N		
			time k-k [s]	27.5	N		
			PT [%]	97.4	N		
			INR	1.03	N		
			PT time [s]	11.4	N		
			ECG (ECG)				
			chest X-ray				
M 31 years old 22–24.02.2023	– does not accept – hypercholesterolemia, gastroesophageal reflux – non-smoker	not found	AB	0 Rh+	–	septoconchoplasty, bilateral anterior tympanotomy with bilateral ventilation drainage, plastic surgery of the tongue frenulum 22.02.2023	Clindamycin capsules, 300 mg, 1 capsule every 8 hours for 7 days. Nasal irrigation several times a day (at least 6). Mupirocin nasal ointment 3× a day. Avoiding physical exertion for 14 days. No wetting of the operated ear for 30 days, after 30 days it is possible to soak and swim in the pool with an anti-water insert. Rinsing the mouth with chlorhexidine solution according to the instructions 2× daily. Follow-up examination 1.03.2023
			HGB [g/dl]	15.9	N		
			HCT [%]	44.5	N		
			RBC [M/μl]	5.19	N		
			WBC [K/μl]	5.72	N		
			PLT [K/μl]	277	N		
			time k-k [s]	45.10	H		
			PT [%]	79	N		
			INR (English)	1.16	N		
			PT time [s]	14.0	N		
			ECG (ECG)				
			chest X-ray				

Patient			Research results			Type and date of surgery	Postoperative recommendations
Sex, age on the day of surgery, dates of hospital stay	Permanent medications, comorbidities, smoker/ non-smoker	Drug allergies/ sensitization	Survey	Result	Standard		
J34.9							
F 28 years old 20–22.04.2023	– Atywia – no comorbidities – no information about smoking status	not found	AB	0 Rh+	–	septoplasty, sinusostomy of the maxillary sinuses bilaterally 20.04.2023	Nasal irrigation several times a day (at least 6). Clarithromycin 500 mg, 2× 1 tab. for 10 days. Probiotic (min 1 hour before/after antibiotic). Methylprednisolone tablets 4 mg each: 8 mg (2 tab.) – 4 days, 4 mg (1 tab.) – 4 days, 2 mg (1/2 tab.) – 4 days. Omeprazole 40 mg, 1× daily 1 tab. Mupirocin nasal ointment 3× a day. A sparing lifestyle and avoiding physical exertion. Check-up 27.04.2023
			HGB [g/dl]	13.0	N		
			HCT [%]	37.7	N		
			RBC [M/μl]	4.22	N		
			WBC [K/μl]	5.36	N		
			PLT [K/μl]	240	N		
			time k-k [s]	31.2	N		
			PT [%]	107.9	N		
			INR	0.93	N		
			PT time [s]	11.4	N		
			ECG (ECG)				
			chest X-ray				
M 28 years old 16–18.11.2023	– does not accept – no comorbidities – smoker	not found	AB	0 Rh+	–	septoplasty, endoscopic plastic surgery of the right middle nasal concha, right-sided frontoideotomy 16.11.2023	Nasal irrigation several times a day (at least 6). Clarithromycin 500 mg, 2× 1 tab. for 7 days. Probiotic (min 1 hour before/after antibiotic). Mupirocin nasal ointment 3× a day. Natural sesame oil 3× a day. A sparing lifestyle and avoiding physical exertion. Follow-up examination 24.11.2023
			HGB: [g/dl]	16.3	N		
			HCT [%]	41.8	N		
			RBC [M/μl]	5.38	N		
			WBC [K/μl]	11.45	H		
			PLT [K/μl]	299	N		
			time k-k [s]	35.6	H		
			PT [%]	87.7	N		
			INR (English)	1.15	N		
			PT time [s]	12.2	N		
			ECG (ECG)				
			chest X-ray				

Patient			Research results			Type and date of surgery	Postoperative recommendations
Sex, age on the day of surgery, dates of hospital stay	Permanent medications, comorbidities, smoker/ non-smoker	Drug allergies/sensitization	Survey	Result	Standard		
F 24 years old 15–17.03.2023	– hormones – no comorbidities – smoker	suspicion	AB	B Rh-	–	right-sided frontoidectomy, bilateral ethmoidectomy, bilateral sinusostomy 15.03.2023	Nasal irrigation several times a day (at least 6). Clarithromycin 500 mg, 2× 1 tab. for 7 days. Probiotic (min 1 hour before/after antibiotic). Methylprednisolone tablets 4 mg each: 16 mg (4 tab.) – 5 days, 12 mg (3 tab.) – 5 days, 8 mg (2 tab.) – 5 days, 4 mg (1 tab.) – 5 days, 2 mg (1/2 tab.) – 5 days. Omeprazole 40 mg, 1× daily 1 tab. Lifestyle-saving and avoiding physical exertion. Consultation with an allergist necessary. Check-up 31.03.2023
			HGB [g/dl]	14.5	N		
			HCT [%]	42.0	N		
			RBC [M/μl]	4.86	N		
			WBC [K/μl]	6.25	N		
			PLT [K/μl]	232	N		
			time k-k [s]	28.0	N		
			INR	0.96	N		
			PT time [s]	–	–		
			ECG (ECG)				
chest X-ray							
F 25 years 16–18.10.2023	– Budiair Aspulmo – suspected asthma – no information about smoking	Bactrim said	AB	B Rh+	–	right-sided frontoethmoidectomy, anterior left-sided ethmoidectomy, sinusostomy of the maxillary sinuses bilaterally 16.10.2023	Nasal irrigation several times a day (at least 6). Clarithromycin 500 mg, 2× 1 tab. for 10 days. Probiotic (min 1 hour before/after antibiotic). Methylprednisolone tablets 4 mg each: 12 mg (3 tab.) – 3 days, 8 mg (2 tab.) – 3 days, 4 mg (1 tab.) – 3 days, 2 mg (1/2 tab.) – 3 days. Omeprazole 40 mg, 1× daily 1 tab. Tranexamic acid 0.5 g, 2× daily 1 capsule for 5 days. A sparing lifestyle and avoiding physical exertion. Check-up on 24.10.2023
			HGB [g/dl]	13.8	N		
			HCT [%]	40.1	N		
			RBC [M/μl]	4.70	N		
			WBC [K/μl]	8.5	N		
			PLT [K/μl]	252	N		
			time k-k [s]	22.1	L		
			PT [%]	109.35	N		
			INR	0.91	N		
			PT time [s]	10.70	L		
ECG (ECG)							
chest X-ray							

Note: F, female; H, high; HGB, haemoglobin; HCT, hematocrit test; INR, international normalized ratio; L, little; M, male; N, norm; PLT, platelet (count); PT, prothrombin time; RBC, red blood cells; tab., tablet; WBC, white blood cells

Supplementary Table 1B – CHILDREN. Description of 6 child patients enrolled to the study (blood results, type and date of surgery, postoperative recommendations, sex, age on the day of surgery, permanent medications, drug allergies/ sensitization)

Patient			Research results			Type and date of surgery	Postoperative recommendations
Sex, age on the day of surgery, dates of hospital stay	Permanent medications, comorbidities, smoker/ non-smoker	Drug allergies/ sensitization	Survey	Result	Standard		
H65.2							
M 2 years 8–9.01.2024	– does not accept – no comorbidities – non-smoker	not found	AB	0 Rh+	–	adenoidectomy, anterior bilateral tympanotomy with left-sided ventilation drainage 8.01.2024	Amoxicillin + clavulanic acid suspension of 457 mg, 3 ml every 12 hours for 7 days. Tranexamic acid 1 g, oral solution, 1 ml 2× daily for 7 days. Budesonide – inhalations 2× a day for 7 days. Probiotic 2× daily for 7 days (min 1 hour before/after antibiotic). Avoiding physical exertion and hot food for 7 days. It is forbidden to wet the operated ear for 30 days, after 30 days it is possible to soak and swim in the pool with an anti-water pad. Check-up 15.01.2024
			HGB [g/dl]	12.9	N		
			HCT [%]	38.2	N		
			RBC [M/μl]	5.18	N		
			WBC [K/μl]	8.3	N		
			PLT [K/μl]	205	N		
			PT time [s]	12.1	N		
			time k-k [s]	34.5	N		
			PT [%]	88	N		
INR	1.14	N					
M 1 year 11–12.12.2023	– does not accept – no comorbidities – non-smoker	not found	AB	A Rh+	–	adenoidectomy with histopathological examination, bilateral anterior tympanotomy with bilateral ventilation drainage 11.12.2023	Amoxicillin + clavulanic acid suspension of 457 mg, 3 ml every 12 hours for 7 days. Tranexamic acid 1 g, oral solution, 1.3 ml 2× a day for 5 days. Budesonide – inhalations 2× a day, 1 ml for 7 days. Probiotic 2× daily for 7 days (min 1 hour before/after antibiotic). Desloratadine orally, 1× a day for 2.5 ml for 21 days. Mometasone furoate from the 3rd day after the procedure, 1× a day 2 doses into each nasal passage for 30 days. Nasal ointment from the 2nd day after the procedure, 3× a day for 30 days. Avoiding physical exertion and hot food for 7 days. It is forbidden to wet the operated ear for 30 days, after 30 days it is possible to soak and swim in the pool with an anti-water pad. Recommended speech therapy consultation 7–14 days after the procedure. Check-up 18.12.2023
			HGB [g/dl]	11.6	N		
			HCT [%]	34.1	L		
			RBC [M/μl]	4.30	N		
			WBC [K/μl]	12.57	N		
			PLT [K/μl]	343	N		
			PT time [s]	11.1	N		
			time k-k [s]	29.6	N		
			PT [%]	90	N		
INR	1.11	N					

Patient			Research results			Type and date of surgery	Postoperative recommendations
Sex, age on the day of surgery, dates of hospital stay	Permanent medications, comorbidities, smoker/ non-smoker	Drug allergies/sensitization	Survey	Result	Standard		
M 1 year 9–10.12.2023	– does not accept – no comorbidities – non-smoker	not found	AB	A Rh+	–	adenotomy, bilateral anterior tympanotomy with bilateral ventilation drainage 9.12.2023	Amoxicillin + clavulanic acid suspension of 457 mg, 3 ml every 12 hours for 7 days. Tranexamic acid 1 g, oral solution, 1.2 ml 2× daily for 5 days. Probiotic 2× daily for 7 days (min 1 hour before/after antibiotic). Desloratadine orally, 2.5 ml 1× a day for 21 days. Mometasone furoate from the 3rd day after the procedure, 1× a day 2 doses into each nasal passage for 30 days. Nasal ointment from the 2nd day after the procedure 3× a day for 30 days. Budesonide – inhalations 1 ml 2× daily for 7 days. Ciprofloxacin + fluorocinolone acetate into the ear operated 2 drops 1× a day for 3 days, then ad hoc in case of leakage or ear pain. Avoiding physical exertion and hot food for 7 days. It is forbidden to wet the operated ear for 30 days, after 30 days it is possible to soak and swim in the pool with an anti-water pad. Recommended speech therapy consultation 7–14 days after the procedure. Check-up 15.12.2023
			HGB [g/dl]	11.4	N		
			HCT [%]	32.7	L		
			RBC [M/μl]	5.02	N		
			WBC [K/μl]	10.78	N		
			PLT [K/μl]	466	H		
			time k-k [s]	30.8	N		
			PT [%]	95.54	N		
			INR	1.03	N		
PT time [s]	11.3	N					
H65.3							
F 1 year 4–5.09.2023	– does not accept – no comorbidities – non-smoker	penicillin	AB	0 Rh+	–	adenoidectomy with histopathological examination, bilateral anterior tympanotomy with bilateral ventilation drainage 4.09.2023	Cefuroxime suspension 125 mg each, 2× 5 ml for 5 days. Tranexamic acid 1 g, oral, 1.2 ml 2× daily for 5 days. Probiotic 2× daily for 7 days (min 1 hour before/after antibiotic). Avoiding physical exertion and hot food for 7 days. Check-up 11.09.2023
			HGB [g/dl]	11.9	N		
			HCT [%]	35.3	N		
			RBC [M/μl]	4.68	N		
			WBC [K/μl]	7.18	N		
			PLT [K/μl]	348	N		
			time k-k [s]	28.1	N		
			PT [%]	94	N		
INR	1.07	N					

Patient			Research results			Type and date of surgery	Postoperative recommendations
Sex, age on the day of surgery, dates of hospital stay	Permanent medications, comorbidities, smoker/ non-smoker	Drug allergies/sensitization	Survey	Result	Standard		
M 1 year 29–30.06.2023	– does not accept – no comorbidities – non-smoker	not found	AB	A Rh+	–	adenotomy, bilateral anterior tympanotomy with bilateral ventilation drainage 29.06.2023	Amoxicillin clavulanic acid suspension of 457 mg, 3 ml every 12 hours for 7 days. Tranexamic acid 1 g, oral, 1.2 ml 2× daily for 5 days. Probiotic 2× daily for 7 days (min 1 hour before/after antibiotic). It is forbidden to wet the operated ear for 30 days, after 30 days it is possible to soak and swim in the pool with an anti-water pad. Check-up 6.07.2023
			HGB [g/dl]	12.8	N		
			HCT [%]	36.2	N		
			RBC [M/μl]	5.11	N		
			WBC [K/μl]	12.58	N		
			PLT [K/μl]	372	N		
			time k-k [s]	26.6	N		
			PT [%]	92.65	N		
			INR	1.10	N		
M 1 year 29–30.08.2023	– suspected gastroesophageal reflux – non-smoker	not found	AB	A Rh+	–	adenoidectomy with histopathological examination, bilateral anterior tympanotomy with bilateral ventilation drainage 29.08.2023	Amoxicillin with clavulanic acid in suspension of 456 mg, 3 ml every 12 hours for 7 days. Tranexamic acid 1 g, oral diffusion, 1.2 ml 2× daily for 5 days. Probiotic 2× daily for 7 days (min 1 hour before/after antibiotic). Avoiding physical exertion and hot food for 7 days. No wetting of the operated ear for 30 days, after 30 days it is possible to soak and swim in the pool with an anti-water insert. Check-up 12.09.2023
			HGB [g/dl]	13.0	N		
			HCT [%]	39.8	N		
			RBC [M/μl]	4.79	N		
			WBC [K/μl]	7.41	N		
			PLT [K/μl]	202	N		
			time k-k [s]	25.1	N		
			PT [%]	101	N		
			INR (English)	0.99	N		

Note: F, female; H, high; HGB, haemoglobin; HCT, hematocrit test; INR, international normalized ratio; L, little; M, male; N, norm; PLT, platelet (count); PT, prothrombin time; RBC, red blood cells; tab., tablet; WBC, white blood cells

Supplementary Table 2. Analysis of patient's data, postoperative recommendations, preoperative drugs taken by patient, potential pharmaceutical intervention, and interactions or side effects

Patient's data (gender, age in years, date of surgery and hospitalization)	Postoperative recommendations	Preoperative drugs taken by patient	Pharmaceutical intervention	Potential interactions or side effects
<p>Patient 7 M 1 year 29–30.08.2023</p>	<p>Amoxicillin with clavulanic acid suspension of 457 mg/5 ml, 3 ml every 12 hours for 7 days. Tranexamic acid 1 g, oral solution, 1.2 ml 2× daily for 5 days. Probiotic 2× daily for 7 days (min 1 hour before/after antibiotic).</p>	<p>none</p>	<ol style="list-style-type: none"> 1. Tips on the proper preparation and storage of medicines (applies to antibiotics and tranexamic acid). 2. Instructions for taking the drug: <i>antibiotic</i>: a) taken after a meal has better bioavailability, b) taken every 12 hours, c) the bottle with the antibiotic should be shaken before administration, d) after preparation, the suspension is valid for 7 days; <i>tranexamic acid</i>: a) taken orally, b) the dose is converted into patient's body weight). 3. Pain and/or fever management: the 'first-line' drug is paracetamol at a dose of 10–15 mg/kg of body weight. It can be used for a maximum of 2 weeks, 4× a day every 4 hours. The use of NSAIDs is not recommended due to the increased risk of postoperative bleeding. 	<p>When using an antibiotic, you should pay attention to possible side effects:</p> <ul style="list-style-type: none"> – headaches and dizziness – nausea, vomiting, diarrhoea and abdominal pain – skin rash – inflammation of the blood vessels, – changes in the blood picture (eosinophilia) – mucosal candidiasis – fever – arthralgia – swelling of the neck, face and mouth area – fainting. <p>If patient experience these symptoms, the patient should consult your doctor.</p> <p><i>Tranexamic acid</i>. The most common side effects:</p> <ul style="list-style-type: none"> – nausea – vomiting – diarrhoea. <p>No interactions.</p>
<p>Patient 18 F 41 years 13–14.11.2023</p>	<p>Amoxicillin + clavulanic acid 625 mg, 2× daily 2 capsules for 7 days. Probiotic 2× daily for 7 days (min 1 hour before/after antibiotic).</p>	<p>metformin (the dose unknown)</p>	<ol style="list-style-type: none"> 1. Tips on the proper preparation and storage of medicines (applies to: antibiotics) 2. Instructions for taking the drug: <i>antibiotic</i>: oral use. To minimise the occurrence of possible gastrointestinal intolerance. Augmentin should be taken with food. The tablets should be swallowed whole with a glass of water. The tablets can be broken along the parting line to facilitate swallowing. Take both parts of the tablet at the same time. An equal interval of at least 4 hours between doses administered during the day should be maintained. Do not take 2 doses in 1 hour. 3. Pain and/or fever management: the 'first-line' drug is paracetamol. The use of NSAIDs is not recommended due to the increased risk of postoperative bleeding. 	<p>When using an antibiotic, you should pay attention to possible side effects:</p> <ul style="list-style-type: none"> – headaches and dizziness – nausea, vomiting, diarrhoea and abdominal pain – skin rash – inflammation of the blood vessels – changes in the blood picture (eosinophilia) – mucosal candidiasis – fever – arthralgia – swelling of the neck, face and mouth area – fainting. <p>If patient experience these symptoms, the patient should consult your doctor.</p> <p>Interactions: No interactions have been observed between metformine and discharge drugs.</p>

Patient's data (gender, age in years, date of surgery and hospitalization)	Postoperative recommendations	Preoperative drugs taken by patient	Pharmaceutical intervention	Potential interactions or side effects
Patient 21 M 24 years 13–15.12.2023	Nasal irrigation several times a day (at least 6) with a sinus irrigation preparation. Clarithromycin 500 mg, 2× 1 tab. for 10 days. Probiotic (min 1 hour before/ after antibiotic).	<ul style="list-style-type: none"> – venlafaxine – budesonid and formoterol – methylophenidate – furoinian mometazone – trazodone hydrochloride 	<ol style="list-style-type: none"> 1. Tips on the proper preparation and storage of medicines (applies to: antibiotics). 2. Instructions for taking the drug: <i>clarithromycin</i> – the tablet should be taken whole, swallowed with water, do not divide, take the drug with a meal. 3. Analgesic treatment – in case of postoperative pain: paracetamol 4× 1 g daily. 	<p><i>Interactions very important</i></p> <ol style="list-style-type: none"> 1. venlafaxine + trazodone hydrochloride → increased risk of serotonin syndrome, as well as QT prolongation and TdP-type arrhythmias. 2. budesonide + formoterol + clarithromycin → increase in the concentration of budesonide in the blood. 3. budesonide + formoterol + trazodone hydrochloride → increased risk of QT prolongation and TdP-type arrhythmias. <p><i>Significant interactions:</i></p> <ol style="list-style-type: none"> 1. venlafaxine + clarithromycin → possible increase in blood levels of venlafaxine. 2. venlafaxine + budesonide + formoterol → increased risk of QT prolongation and TdP-type arrhythmias. 3. budesonide + formoterol + clarithromycin → increased risk of QT prolongation and TdP-type arrhythmias. 4. budesonide + formoterol + methylphenidate → increased risk of hypertension and tachycardia. 5. methylphenidate + trazodone hydrochloride → increased risk of serotonin syndrome. 6. mometasone furoate + clarithromycin → possible increase in blood levels of mometasone. 7. trazodone hydrochloride + clarithromycin → increase in blood concentrations of trazodone and worsening of side effects, increased risk of QT prolongation and TdP-type arrhythmias. <p><i>Food interactions:</i> clarithromycin + grapefruit juice – flavonoids (naringenin) and furanocoumarins (6,7-dihydroxybergamotin) contained in grapefruit juice inhibit the activity of the CYP3A4 isoenzyme responsible for the metabolism of clarithromycin. This can cause an increase in the concentration of this medicine in the blood and thus the risk of side effects. While taking the drug, patient should limit the consumption of grapefruit and grapefruit juice and do not wash it down with medication.</p>

Patient's data (gender, age in years, date of surgery and hospitalization)	Postoperative recommendations	Preoperative drugs taken by patient	Pharmaceutical intervention	Potential interactions or side effects
Patient 27 F 28 years 20–22.04.2023	Nasal irrigation several times a day (at least 6) with a sinus irrigation preparation. Clarithromycin 500 mg, 2× 1 tab. for 10 days. Probiotic (min 1 hour before/ after antibiotic). Methylprednisolone tablets 4 mg each: 8 mg (2 tab.) – 4 days, 4 mg (1 tab.) – 4 days, 2 mg (1/2 tab.) – 4 days. Omeprazole 0.04 g, 1 tab. 1× daily. Mupirocin nasal ointment 3× daily.	– dienogest – ethinylestradiol	<ol style="list-style-type: none"> 1. Tips on the proper preparation and storage of medicines (applies to: antibiotics). 2. Instructions for taking the drug: clarithromycin – the tablet should be taken whole, swallowed with water, do not divide, take the drug with a meal; <i>methylprednisolone</i> – dosage: tablets should be taken in the morning (between 6:00 and 8:00 am) after a meal with plenty of water; omeprazol 40 mg dosage: once a day, on an empty stomach (0.5 h before breakfast), swallow whole, wash down with an appropriate volume of water; <i>bactroban</i> – application: should be applied by thin layer of the ointment or cream to the affected area of the skin 3× a day, for no longer than 10 days. Can be used under a dressing. Do not mix the ointment with other preparations (risk of dilution of the active substance and loss of effectiveness). 3. Analgesic treatment – in case of postoperative pain: paracetamol 4× 1 g daily. 	dienogest + ethinylestradiol – possible interaction with clarithromycin → increase in blood levels of ethinyl estradiol and increase in blood levels of dienogest and intensification of its effects.
Patient 29 F 24 years 15–17.03.2023	Nasal irrigation several times a day (at least 6) with a sinus rinse. Clarithromycin 500 mg: 2× 1 tab. for 10 days. Probiotic (min 1 hour before/ after antibiotic). Methylprednisolone tablets of 4 mg each: 16 mg (4 tab.) – 5 days, 12 mg (3 tab.) – 5 days, 8 mg (2 tab.) – 5 days, 4 mg (1 tab.) – 5 days, 2 mg (1/2 tab.) – 5 days. Omeprazole 0.04 g, 1 tab. 1× daily.	– contraception – the name of the drug is not given – cetirizine dihydrochloride 10 mg (tablets)	<ol style="list-style-type: none"> 1. Tips on the proper preparation and storage of medicines (applies to: antibiotics). 2. Instructions for taking the drug: <i>clarithromycin</i> – the tablet should be taken whole, swallowed with water, do not divide, take the drug with a meal; <i>methylprednisolone</i> – dosage: tablets should be taken in the morning (between 6:00 and 8:00 am) after a meal with plenty of water; <i>omeprazol</i> 40 mg – dosage: once a day, on an empty stomach (0.5 h before breakfast), swallow whole, wash down with an appropriate volume of water; <i>bactroban</i> – application: should be applied by thin layer of the ointment or cream to the affected area of the skin 3× a day, for no longer than 10 days. Can be used under a dressing. Do not mix the ointment with other preparations (risk of dilution of the active substance and loss of effectiveness). 3. Analgesic treatment – in case of postoperative pain: paracetamol 4× 1 g daily. 	<ol style="list-style-type: none"> 1. Contraception – the name of the drug is not given – interaction between this drug and clarithromycin → increase in the concentration of ethinylestradiol in the blood and increase in the concentration of dienogest in the blood and intensification of its effect. 2. Cetirizine dihydrochloride 10 mg (tablets) → no interactions have been observed between this drug and discharge drugs.

Patient's data (gender, age in years, date of surgery and hospitalization)	Postoperative recommendations	Preoperative drugs taken by patient	Pharmaceutical intervention	Potential interactions or side effects
Patient 30 F 25 years 16–18.10.2023	Nasal irrigation several times a day (at least 6). Clarithromycin 500 mg, 2× 1 tab. for 10 days. Probiotic (min 1 hour before/ after antibiotic). Methylprednisolone tablets 4 mg each: 12 mg (3 tab.) – 3 days, 8 mg (2 tab.) – 3 days, 4 mg (1 tab.) – 3 days, 2 mg (1/2 tab.) – 3 days. Omeprazole 0.04 g, 1 tab. 1× daily Tranexamic acid 0.5 g: 1 capsule 2× a day for 5 days.	– salbutamol 100 µg/dose, inhalation – budesonide 200 µg/dose, inhalation	<ol style="list-style-type: none"> 1. Tips on the proper preparation and storage of medicines (applies to: antibiotics). 2. Instructions for taking the drug: <i>clarithromycin</i> – the tablet should be taken whole, swallowed with water, do not divide, take the drug with a meal; <i>methylprednisolone</i> – dosage: tablets should be taken in the morning (between 6:00 and 8:00 am) after a meal with plenty of water; <i>omeprazol</i> 40 mg – dosage: once a day, on an empty stomach (0.5 h before breakfast), swallow whole, wash down with an appropriate volume of water; <i>bactroban</i> – application: should be applied by thin layer of the ointment or cream to the affected area of the skin 3× a day, for no longer than 10 days. Can be used under a dressing. Do not mix the ointment with other preparations (risk of dilution of the active substance and loss of effectiveness). 3. Analgesic treatment – in case of postoperative pain: paracetamol 4× 1 g daily. 	<ol style="list-style-type: none"> 1. Salbutamol 100 µg/dose, inhaled: no interactions have been observed between this medicinal product and discharge medicinal products. 2. Budesonide 200 µg/dose, inhaled: no interactions have been observed between this drug and discharged drugs.

Note: F, female; H, high; HGB, haemoglobin; HCT, hematocrit test; INR, international normalized ratio; L, little; M, male; N, norm; PLT, platelet (count); PT, prothrombin time; RBC, red blood cells; tab., tablet; WBC, white blood cells