

Supplementary 3. Qualification of PubMed and BASE articles at the screening stage.

Record	Year	Authors	Title	Decision
1.	2020	Jamil FA	Barbed Broach in the Maxillary Sinus: A Report of Unusual Complication in Craniofacial Area.	RAYYAN-INCLUSION: {"Maciej"}=>"Excluded", "Zuzanna"=>"Excluded"} RAYYAN-EXCLUSION-REASONS: wrong population
2.	2019	Al-Quisi AF and Al-Anee AM and Mohammed AS	The Impact of Blast Implosions and Bullet Injury on Maxillary Air Sinus.	RAYYAN-INCLUSION: {"Maciej"}=>"Included", "Zuzanna"=>"Excluded"}
3.	2016	Duncan WJ and Gay JH and Lee MH and Bae TS and Lee SJ and Loch C	The effect of hydrothermal spark discharge anodization in the early integration of implants in sheep sinuses.	RAYYAN-INCLUSION: {"Maciej"}=>"Excluded", "Zuzanna"=>"Excluded"} RAYYAN-EXCLUSION-REASONS: wrong population
4.	2010	Shuker ST	Base-of-skull/infratemporal fossa shell fragment retrieval.	RAYYAN-INCLUSION: {"Maciej"}=>"Excluded", "Zuzanna"=>"Excluded"} RAYYAN-EXCLUSION-REASONS: wrong population
5.	2010	Kühnel TV and Tudor C and Neukam FW and Nkenke E and Stockmann P	Air gun pellet remaining in the maxillary sinus for 50 years: a relevant risk factor for the patient?	RAYYAN-INCLUSION: {"Maciej"}=>"Included", "Zuzanna"=>"Included"}
6.	2008	Stuehmer C and Essig H and Bormann KH and Majdani O and Gellrich NC and Rücker M	Cone beam CT imaging of airgun injuries to the craniomaxillofacial region.	RAYYAN-INCLUSION: {"Maciej"}=>"Included", "Zuzanna"=>"Included"}
7.	1996	Skinker DM and Coyne CM and Lanham C and Hunsaker JC 3rd	Chasing the casing: a 38 Special suicide.	RAYYAN-INCLUSION: {"Maciej"}=>"Excluded", "Zuzanna"=>"Excluded"} RAYYAN-EXCLUSION-REASONS: wrong population
8.	1990	Scarfo GB and Mariottini A and Palma L	Oculocerebral perforating trauma by foreign objects: diagnosis and surgery.	RAYYAN-INCLUSION: {"Maciej"}=>"Excluded", "Zuzanna"=>"Excluded"} RAYYAN-EXCLUSION-REASONS: wrong date, wrong population
9.	1989	Betkowski A and Drozd M and Szuber K	[A case of craniofacial gunshot wound].	RAYYAN-INCLUSION: {"Maciej"}=>"Excluded", "Zuzanna"=>"Excluded"} RAYYAN-EXCLUSION-REASONS: wrong date, foreign language
10.	2017	Alkananda Chand and Bhagyashree Ronghe and Girish Byakod and Alok Ashok Lathi and Sangeeta Muglikar	Relationship between inferior wall of maxillary sinus and maxillary posterior teeth using cone-beam computed tomography in healthy and chronic periodontitis patients	RAYYAN-INCLUSION: {"Maciej"}=>"Excluded", "Zuzanna"=>"Excluded"} RAYYAN-EXCLUSION-REASONS: wrong population
11.	2016	Yousefi, Jaleh and Mobasher Jannat, A and Ajudani, R	Penetrating nose and maxillary sinus injury with a metal part of a military gun	RAYYAN-INCLUSION: {"Maciej"}=>"Excluded", "Zuzanna"=>"Excluded"} RAYYAN-EXCLUSION-REASONS: wrong population
12.	2021	Viraj N. Shah and Shrey Patel and Veronica Nunez and Zoukaa Sargi	Chronic sinonasal symptoms due to retained bullet fragments in the skull base	RAYYAN-INCLUSION: {"Maciej"}=>"Excluded", "Zuzanna"=>"Excluded"} RAYYAN-EXCLUSION-REASONS: wrong population
13.	2002	Samer Kasabah and Radovan Slezák and Antonín Šimůnek and Jiří Krug and Miguel Cevallos Lecaro	Evaluation of the Accuracy of Panoramic Radiograph in the Definition of Maxillary Sinus Septa	RAYYAN-INCLUSION: {"Maciej"}=>"Excluded", "Zuzanna"=>"Excluded"} RAYYAN-EXCLUSION-REASONS: wrong population
14.	2017	GEN	IRAK4 gene polymorphism and odontogenic maxillary sinusitis	RAYYAN-INCLUSION: {"Maciej"}=>"Excluded", "Zuzanna"=>"Excluded"} RAYYAN-EXCLUSION-REASONS: wrong population
15.	2021	Santiago R. Gonzalez, MD, MPH and Vishali Loomba, MPH and Osita Obi-Osuagwu, MD and Abdl-Rawf Al-Nowaylati, MD and Paymon Rahgozar, MD	Severe Craniofacial Morbidity from a Bean Bag Projectile	RAYYAN-INCLUSION: {"Maciej"}=>"Excluded", "Zuzanna"=>"Excluded"} RAYYAN-EXCLUSION-REASONS: wrong population
16.	2021	Mirzadeh, Seyed Mojtaba	Endoscopic management gunshot wound at the face: Fact or fiction?	RAYYAN-INCLUSION: {"Maciej"}=>"Excluded", "Zuzanna"=>"Excluded"} RAYYAN-EXCLUSION-REASONS: wrong population
17.	2020	Yolanda Guerrero-Sánchez and Francisco José Gómez García and Manuel Fernández-Martínez and Blanca Pallarés Martínez and	Anatomical Considerations and Study of He Fractal Dimension around the Posterior Superior Alveolar Artery	RAYYAN-INCLUSION: {"Maciej"}=>"Excluded", "Zuzanna"=>"Excluded"} RAYYAN-EXCLUSION-REASONS: wrong population

		Pia López-Jornet		
18.	2015	Weber, RK and Hosemann, W	Comprehensive review on endonasal endoscopic sinus surgery	RAYYAN-INCLUSION: {"Maciej"}=>"Excluded", "Zuzanna "=>"Excluded"} RAYYAN-EXCLUSION-REASONS: wrong population
19.	2017	Kephart, Horace, 1862-1931;	Horace Kephart Journal 10	RAYYAN-INCLUSION: {"Maciej"}=>"Excluded", "Zuzanna "=>"Excluded"} RAYYAN-EXCLUSION-REASONS: wrong population
20.	2017	Medina A. DDS, OMFS, Heriberto and Sansores E. DDS, Daniel and González K. DDS, M.P.D., Debora and Arriola P. DDS, Fabio	Surgical Management of a Firearm Injury in the Infraorbital Area	RAYYAN-INCLUSION: {"Maciej"}=>"Excluded", "Zuzanna "=>"Excluded"} RAYYAN-EXCLUSION-REASONS: wrong population
21.	2015	Kühnel, TS and Reichert, TE	Trauma of the midface	RAYYAN-INCLUSION: {"Maciej"}=>"Excluded", "Zuzanna "=>"Excluded"} RAYYAN-EXCLUSION-REASONS: wrong population
22.	2012	Slot, J.W.A. and Raghoobar, G.M. and Dijk, G. van and Meijer, H.J.A.	Attachment of clips in a bar-retained maxillary implant overdenture: a clinical report	RAYYAN-INCLUSION: {"Maciej"}=>"Excluded", "Zuzanna "=>"Excluded"} RAYYAN-EXCLUSION-REASONS: wrong population
23.	2014	Javierto, Alvin B. and Hernandez, Josefin G. and Roldan, Rodante A.	Foreign Body in the Sphenoid Sinus	RAYYAN-INCLUSION: {"Maciej"}=>"Excluded", "Zuzanna "=>"Excluded"} RAYYAN-EXCLUSION-REASONS: wrong population
24.	2004		Pulse	RAYYAN-INCLUSION: {"Maciej"}=>"Excluded", "Zuzanna "=>"Excluded"} RAYYAN-EXCLUSION-REASONS: wrong population
25.	2010	Park, Taisoo	The biology of a calanoid copepod : Epilabidocera amphitrites McMurrich	RAYYAN-INCLUSION: {"Maciej"}=>"Excluded", "Zuzanna "=>"Excluded"} RAYYAN-EXCLUSION-REASONS: wrong population
26.	2004	DI ANGELANTONIO, Emanuele and Fiorelli, Marco and Toni, Danilo and Sacchetti, Maria Luisa and Lorenzano, Svetlana and A., Falcou and Ciarla, Maria Vera and Suppa, Marianna and L., Bonanni and Bertazzoni, Giuliano and F., Aguglia and JOUR	Prognostic significance of admission levels of troponin I in patients with acute ischaemic stroke	RAYYAN-INCLUSION: {"Maciej"}=>"Excluded", "Zuzanna "=>"Excluded"} RAYYAN-EXCLUSION-REASONS: wrong population
27.	2004		Health Sciences Report (2004)	RAYYAN-INCLUSION: {"Maciej"}=>"Excluded", "Zuzanna "=>"Excluded"} RAYYAN-EXCLUSION-REASONS: wrong population

Supplementary 4. Qualification of articles from Google Scholar at the screening stage.

Record	Year	Authors	Title	Decision
1.	1999	Pagella, Fabio; Emanuelli, Enzo; Castelnuevo, Paolo;	Endoscopic extraction of a metal foreign body from the maxillary sinus	Excluded
2.	2010	Kühnel, TV; Tudor, C; Neukam, FW; Nkenke, E; Stockmann, P;	Air gun pellet remaining in the maxillary sinus for 50 years: a relevant risk factor for the patient?	Duplicate
3.	2004	Mahajan, Mrinalini; Shah, Naseem;	Accidental lodgment of an air gun pellet in the maxillary sinus of a 6 - year old girl: a case report	Included
4.	2004	Chhetri, Dinesh K; Shapiro, Nina L;	A case of a BB-gun pellet injury to the ethmoid sinus in a child	Excluded
5.	2004	Brinson, George M; Senior, Brent A; Yarbrough, Wendell G;	Endoscopic management of retained airgun projectiles in the paranasal sinuses	Included

6.	2012	Verhaeghe, Wim; Schepers, Serge; Sun, Yi; Orye, Johan; Vrielinck, Luc; Lakiere, Eva; De Temmerman, Griet; Politis, Constantinus;	Removal of a low-velocity projectile from the base of the sphenoid sinus using navigation-guided endoscopy	Excluded
7.	2016	Tan, Shaun S; Yeo, MS; Lee, GHP; Ho, MSY; Ang, ML; Lee, W; Cheong, EC;	Penetrating foreign body in the masticator space with injury to the internal maxillary artery: a surgical challenge	Excluded
8.	1995	O'Connellf, JE; Turner, NO; Pahorm, AL;	Air gun pellets in the sinuses	Included
9.	2016	Yousefi, Jaleh; Jannat, A Mobasher; Ajudani, R;	Penetrating nose and maxillary sinus injury with a metal part of a military gun	Excluded
10.	2020	RODRIGUES, Cristóvão Marcondes de Castro; SOL, Izabella; MENESES-SANTOS, Daniela; RIOS, Larissa Gonçalves Cunha; BATISTA, Jonas Dantas; ROCHA, Flaviana Soares;	Removal of firearm projectile from the maxillary sinus: a case report	Included
11.	2013	Goswami, Saileswar;	A bullet in the maxillary antrum and infratemporal fossa	Included
12.	2012	Yarlagadda, Bharat; Jalisi, Scharukh; Burke, Peter; Platt, Michael;	Retrieval of projectile foreign bodies from the paranasal sinuses and skull base	Included
13.	2008	Stuehmer, C; Essig, H; Bormann, K-H; Majdani, O; Gellrich, N-C; Rücker, Martin;	Cone beam CT imaging of airgun injuries to the craniomaxillofacial region	Duplicate
14.	1969	Kukreja, HK; Bhatia, PL; Kogta, NL;	A non-metallic foreign body in maxillary sinus	Excluded
15.	1995	Donald, Paul J; Gadre, Arun K;	Neuralgia-like symptoms in a patient with an airgun pellet in the ethmoid sinus: a case report	Excluded
16.	2015	Xing, L; Duan, Y; Zhu, F; Shen, M; Jia, T; Liu, L; Tao, J; Chen, Y; Gao, Z; Zhang, Hui;	Computed tomography navigation combined with endoscope guidance for the removal of projectiles in the maxillofacial area: a study of 24 patients	Included
17.	1989	Sinha, Vineet; Sinha, AK;	Unusual foreign body in the maxillary antrum (a bunch of hair)	Excluded
18.	2014	Kiran, DN; Mittal, Shina;	Gunshot (Pellets) injury to the maxillofacial complex: a case report	Included
19.	1996	Ramadass, T; Prabhakaran, Mandkumar; Kumar, V Shankar;	Air-rifle bullet in the sphenoid sinus	Excluded
20.	2021	Alrasheed, Maeidah A; Alhaddad, Mohammed S; Almuhainy, Nora A; Almohammedali, Abrar A;	An Unusual Maxillary Sinus Foreign Body: A Case Report	Excluded
21.	2008	Akhaddar, Ali; Abouchadi, A; Jidal, M; Gazzaz, M; Elmostarchid, B; Naama, O; Rzin, A; Boucetta, M;	Metallic foreign body in the sphenoid sinus after ballistic injury: a case report	Excluded
22.	2003	Lavy, Tim; Asleh, S Abu;	Ocular rubber bullet injuries	Excluded

23.	2005	Gross, Menachem; Regev, Eran; Hamdan, Kasem; Eliashar, Ron;	Penetrating rubber bullet into the ethmoid sinus: should the bullet be removed?	Excluded
24.	2000	Rinaldi, A; Gazzeri, R; Conti, L; Schiavone, M;	Cranio-orbital missile wound and bullet migration: Case report	Excluded
25.	2021	Shah, Viraj N; Patel, Shrey; Nunez, Veronica; Sargi, Zoukaa;	Chronic sinonasal symptoms due to retained bullet fragments in the skull base	Excluded
26.	1993	Smith, OC; Berryman, Hugh E; Symes, SA;	The meaning of an accessory projectile	Excluded
27.	2018	Ozdemir, Bulent; Kanat, Ayhan; Batcik, Sule; Batcik, Osman Ersagun; Celiker, Metin; Kayayurt, Kamil;	Unilateral isolated hypoglossal nerve palsy caused by gunshot injury	Excluded
28.	2004	WIDMANN, GERLIG; WIDMANN, ROLAND; WIDMANN, EKKEHARD; BALE, RETO JOSEF;	ACCURACY IN COMPUTER ASSISTED IMPLANT DENTISTRY: IMAGE GUIDED TEMPLATE PRODUCTION VS. BURR TRACKING	Excluded
29.	2009	Stuehmer, Constantin; Blum, Katrin S; Kokemueller, Horst; Tavassol, Frank; Bormann, Kai Hendrik; Gellrich, Nils-Claudius; Rücker, Martin;	Influence of different types of guns, projectiles, and propellants on patterns of injury to the viscerocranium	Excluded
30.	2005	Gustavsson, Per; Gerhardsson, Lars;	Intoxication from an accidentally ingested lead shot retained in the gastrointestinal tract	Excluded
31.	1999	John, Bijoy E; Boatright, Donald;	Lead toxicity from gunshot wound.	Excluded
32.	2012	Mary, Nirmala Suganthakumar; Sivakumar, Ethirajan; Suganthakumar, Robert;	Penetrating knife in the maxillary sinus: Report of a rare case.	Excluded
33.	2002	Fulcher, Timothy P; McNab, Alan A; Sullivan, Timothy J;	Clinical features and management of intraorbital foreign bodies	Excluded
34.	2009	Wenham, Katharine; Craig, Sally; Tsitrou, Effrosyni;	The incidental finding of a retained gunshot pellet	Included
35.	2012	Kurus, A;	Combined sino-orbital rubber bullet injuries	Excluded
36.	2019	Al-Quisi, Ahmed Fadhel; Al-Anee, Auday M; Mohammed, Abbas Sabah;	The impact of blast implosions and bullet injury on maxillary air sinus	Excluded
37.	1998	Rabl, W; Riepert, T; Steinlechner, M;	Metal pins fired from unmodified blank cartridge guns and very small calibre weapons—technical and wound ballistic aspects	Excluded
38.	2007	Kamaraj, L; Paul, G;	Unusual foreign body in frontal sinus	Excluded
39.	2021	Gonzalez, Santiago R; Loomba, Vishalli; Obi-Osuagwu, Osita; Al-Nowaylati, Abdl-Rawf; Rahgozar, Paymon;	Severe craniofacial morbidity from a bean bag projectile	Excluded
40.	2008	Shuker, Sabri T;	Management of penetrating war injuries: bullet/shell fragments in the sphenoid sinuses	Excluded

41.	1979	Grove Jr, Arthur S;	Orbital trauma evaluation by computed tomography	Excluded
42.	1984	Walker, Robert V; Frame, John W;	Civilian maxillo-facial gunshot injuries	Excluded
43.	2014	Benson, Byron W; Flint, Diane J; Liang, Hui; Opatowsky, Michael J;	Advances in diagnostic imaging for pathologic conditions of the jaws	Excluded
44.	1992	Kikano, George E; Stange, Kurt C;	Lead poisoning in a child after a gunshot injury	Included
45.	1996	Skinker, Donna M; Coyne, Carolyn M; Lanham, Charles; Hunsaker, John C;	Chasing the casing: a 38 special suicide	Excluded
46.		Bhaskaranand, N;	BB Lakhkar, N. D'Souza, N. Bhaskaranand	Excluded
47.	2010	Sholts, Sabrina B; Wärmländer, Sebastian KTS; Flores, Louise M; Miller, Kevin WP; Walker, Phillip L;	Variation in the measurement of cranial volume and surface area using 3D laser scanning technology	Excluded
48.	1978	Grove, Arthur S; Tadmor, Rina; Momose, K Jack; New, Paul FJ;	Computerized tomography for evaluation of fractures and foreign bodies of the orbit	Excluded
49.	2004	Boahene, Kofi O; Thompson, Dana M; Schulte, Douglas L; Brissett, Anthony E;	Craniofacial metal bolt injury: an unusual mechanism	Excluded
50.	2008	Balseris, Svajūnas; Einorienė, Dalia; Martinkėnas, Jonas Laimutis; Toločka, Rimvydas;	Sinoorbital gunshot injuries Endoscopic diagnostics and management	Excluded