

**Publicações Científicas NOVA Medical School/
Scientific Output NOVA Medical School**

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Aguiar Rosa S, Mota Carmo M, Rocha Lopes L, Oliveira E, Thomas B, Baquero L, Cruz Ferreira R, Fiarresga A. [Index of microcirculatory resistance in the assessment of coronary microvascular dysfunction in hypertrophic cardiomyopathy.](#) Rev Port Cardiol. 2022 Sep;41(9):761-767. doi: 10.1016/j.repc.2021.07.013. Epub 2022 Jul 20. PubMed PMID: 36066271.

Albuquerque F, Oliveira AF, **de Araújo Gonçalves P, Campante Teles R, de Sousa Almeida M,** Gonçalves M, Lopes PM, Cunha GJL, Presume J, Matos D, Madeira S, Brito J, Raposo L, Mesquita Gabriel H, Mendes M. [Predicting obstructive coronary artery disease in heart failure with reduced ejection fraction: A practical clinical score.](#) Rev Port Cardiol. 2022 Sep 13; doi: 10.1016/j.repc.2021.09.020. [Epub ahead of print] PubMed PMID: 36114113.

Aluh DO, Azeredo-Lopes S, Cardoso G, Pedrosa B, Grigaitė U, Dias M, Xavier M, Caldas-de-Almeida JM. [Social anxiety disorder and childhood adversities in Portugal: Findings from the WHO world mental health survey initiative.](#) Psychiatry Res. 2022 Sep;315:114734. doi: 10.1016/j.psychres.2022.114734. Epub 2022 Jul 19. PubMed PMID: 35872402.

Arez M, Eckersley-Maslin M, Klobučar T, **von Gilsa Lopes J,** Krueger F, Mupo A, Raposo AC, Oxley D, Mancino S, Gendrel AV, Bernardes de Jesus B, da Rocha ST. [Imprinting fidelity in mouse iPSCs depends on sex of donor cell and medium formulation.](#) Nat Commun. 2022 Sep 16;13(1):5432. doi: 10.1038/s41467-022-33013-5. PubMed PMID: 36114205.

Bilhim T, Costa NV, Torres D, Pinheiro LC, Spaepen E. [Long-Term Outcome of Prostatic Artery Embolization for Patients with Benign Prostatic Hyperplasia: Single-Centre Retrospective Study in 1072 Patients Over a 10-Year Period.](#) Cardiovasc Intervent Radiol. 2022 Sep;45(9):1324-1336. doi: 10.1007/s00270-022-03199-8. Epub 2022 Jul 1. PubMed PMID: 35778579.

Cabaço LC, Bento-Lopes L, Neto MV, Ferreira A, Staubli WBL, Ramalho JS, Seabra MC, Barral DC. [RAB3A Regulates Melanin Exocytosis and Transfer Induced by Keratinocyte-Conditioned Medium.](#) JID Innov. 2022 Sep;2(5):100139. doi: 10.1016/j.xjidi.2022.100139. eCollection 2022 Sep. PubMed PMID: 36090299; PubMed Central PMCID: PMC9460155.

Cabral D, Ramtohl P, Kaden TR, **Tenreiro S, Seabra MC,** Freund KB. [Hyperpigmented epiretinal membrane in macular telangiectasia type 2: imaging characteristics and correlation with transretinal pigment migration.](#) Eye (Lond). 2022 Sep 22; doi: 10.1038/s41433-022-02260-7. [Epub ahead of print] PubMed PMID: 36138103.

Cabral G, Saraiva M, Serôdio M, Serrazina F, Salavisa M, Fernandes M, Meira B, Ventura R, Pinho A, Magriço M, **Caetano A, Baptista MV.** [Clinical pattern and response to treatment of primary stabbing headache: Retrospective case series study from a Portuguese tertiary hospital.](#) Headache. 2022 Sep;62(8):1053-1058. doi: 10.1111/head.14377. Epub 2022 Aug 26. PubMed PMID: 36017983.

Cardoso FS, Fidalgo P, Bagshaw SM, Gottfried M, Tujios S, Olson JC, Lee WM, Karvellas CJ. [Persistent But Not Transient Acute Kidney Injury Was Associated With Lower Transplant-Free Survival in Patients With Acute Liver Failure: A Multicenter Cohort Study.](#) Crit Care Med. 2022 Sep 1;50(9):1329-1338. doi: 10.1097/CCM.0000000000005563. Epub 2022 Apr 21. PubMed PMID: 35446272.

Cowie MR, Mourilhe-Rocha R, Chang HY, Volterrani M, Ban HN, Campos de Albuquerque D, Chung E, **Fonseca C,** Lopatin Y, Magaña Serrano JA, Mircheva L, Moncada-Paz GA, Pagava Z, Reyes EB, Saldarriaga C, Schwartzmann P, Sim Kheng Leng D, Trivi M, Yotov YT, Zieroth S. [The impact of the COVID-19 pandemic on heart failure management: Global experience of the OPTIMIZE Heart Failure Care network.](#) Int J Cardiol. 2022 Sep 15;363:240-246. doi: 10.1016/j.ijcard.2022.06.022. Epub 2022 Jun 22. PubMed PMID: 35750302; PubMed Central PMCID: PMC9217066.

Cunha C, Pinheiro SL, **Donato S,** Tavares Bello C, **Simões H, Nunes Silva T,** Prazeres S, Doutel D, Cavaco BM, **Leite V.** [Parathyroid carcinoma: Single centre experience.](#) Clin Endocrinol (Oxf). 2022 Sep;97(3):250-257. doi: 10.1111/cen.14684. Epub 2022 Feb 9. PubMed PMID: 35120263.

Ferreira JV, da Rosa Soares A, Pereira P. [LAMP2A mediates the loading of proteins into endosomes and selects exosomal cargo.](#) Autophagy. 2022 Sep;18(9):2263-2265. doi: 10.1080/15548627.2022.2092315. Epub 2022 Jun 27. PubMed PMID: 35761480; PubMed Central PMCID: PMC9397471.

Figueiredo AA, Cavaco D, Damásio I, Maciel J, Pinheiro S, **Donato S, Simões-Pereira J.** [Endocrine complications after hematopoietic stem cell transplantation during childhood - results from a close follow-up in a cohort of 152 patients.](#) Clin Endocrinol (Oxf). 2022 Sep 25;. doi: 10.1111/cen.14826. [Epub ahead of print] PubMed PMID: 36156811.

Froes F, Carmo M, **Lopes H,** Bizouard G, Gomes C, Martins M, Bricout H, de Courville C, de Sousa JC, Rabaçal C, **Raposo JF,** Cordeiro CR. [Excess hospitalizations and mortality associated with seasonal influenza in Portugal, 2008-2018.](#) BMC Infect Dis. 2022 Sep 7;22(1):726. doi: 10.1186/s12879-022-07713-8. PubMed PMID: 36071375; PubMed Central PMCID: PMC9450401.

Gomes LA, Cruz EB, Henriques AR, Branco JC, Canhão H, Rodrigues AM. [Patients' self-reported medical care for low back pain: A nationwide population-based study.](#) BMJ Open. 2022; 12(9).doi: 10.1136/bmjopen-2022-060966

Gomes F, Black RE, Smith E, Shankar AH, Christian P. [Micronutrient supplements in pregnancy: an urgent priority.](#) Lancet Glob Health. 2022 Sep;10(9):e1239. doi: 10.1016/S2214-109X(22)00308-4. PubMed PMID: 35961342.

Gonçalves S, von Hafe F, Martins F, Menino C, Guimarães MJ, Mesquita A, Sampaio S, **Londral AR.** [Case management intervention of high users of the emergency department of a Portuguese hospital: a before-after design analysis.](#) BMC Emerg Med. 2022 Sep 13;22(1):159. doi: 10.1186/s12873-022-00716-3. PubMed PMID: 36100864; PubMed Central PMCID: PMC9470068.

Iglesias-Aguirre CE, **Ávila-Gálvez MÁ,** López de Las Hazas MC, Dávalos A, Espín JC. [Exosome-Containing Extracellular Vesicles Contribute to the Transport of Resveratrol Metabolites in the Bloodstream: A Human Pharmacokinetic Study.](#) Nutrients. 2022 Sep 2;14(17). doi: 10.3390/nu14173632. PubMed PMID: 36079893; PubMed Central PMCID: PMC9459822.

Katler Q, Stepien KM, Paull N, Patel S, Adams M, Balci MC, Berry GT, Bosch AM, De La O A, Demirbas D, Edman J, Ficicioglu C, Goff M, Hacker S, Knerr I, Lancaster K, Li H, Mendelsohn BA, Nichols B, de Rezende Pinto WBV, **Rocha JC**, Rubio-Gozalbo ME, Saad-Naguib M, Scholl-Buergi S, Searcy S, de Souza PVS, Wittenauer A, Fridovich-Keil JL. [A Multinational Study of Acute and Long-term Outcomes of Type 1 Galactosemia Patients Who Carry the S135L \(c.404C>T\) Variant of GALT.](#) *J Inherit Metab Dis.* 2022 Sep 12;. doi: 10.1002/jimd.12556. [Epub ahead of print] PubMed PMID: 36093991.

Limbirt C, Lanzinger S, deBeaufort C, Iotova V, Pelicand J, Prieto M, Schiaffini R, Šumnik Z, Pacaud D. [Diabetes-related antibody-testing is a valuable screening tool for identifying monogenic diabetes - a survey from the worldwide SWEET registry.](#) *Diabetes Res Clin Pract.* 2022 Sep 29;110110. doi: 10.1016/j.diabres.2022.110110. Epub ahead of print. PMID: 36183869.

Leone M, Righy C, **Póvoa P**. [Antibiotic prophylaxis in ICU patients: should I do or not?](#) *Intensive Care Med.* 2022 Sep;48(9):1215-1217. doi: 10.1007/s00134-022-06764-4. Epub 2022 Jun 17. PubMed PMID: 35713666.

Maggioni AP, Clark AL, Barrios V, Damy T, Drozd J, **Fonseca C**, Lund LH, Kalus S, Ferber PC, Hussain RI, Koch C, Zeymer U. [Outcomes with sacubitril/valsartan in outpatients with heart failure and reduced ejection fraction: The ARIADNE registry.](#) *ESC Heart Fail.* 2022 Sep 15;. doi: 10.1002/ehf2.14014. [Epub ahead of print] PubMed PMID: 36106548.

Maia ML, Paíga P, Ramalhosa MJ, Delerue-Matos C, **Calhau C**, Domingues VF. [Seasonal and Spatial Comparison of Polycyclic Aromatic Hydrocarbons Among Decapod Shrimp from Coastal Portugal.](#) *Bull Environ Contam Toxicol.* 2022 Sep;109(3):511-517. doi: 10.1007/s00128-022-03562-y. Epub 2022 Jun 8. PubMed PMID: 35676382.

Maia ML, Almeida A, Soares C, Silva LMS, Delerue-Matos C, **Calhau C**, Domingues VF. [Minerals and fatty acids profile of northwest portuguese coast shrimps.](#) *J Food Compos Anal.* 2022;112. doi: 10.1016/j.jfca.2022.104652

Maihofer AX, Engchuan W, Huguet G, Klein M, MacDonald JR, Shanta O, Thiruvahindrapuram B, Jean-Louis M, Saci Z, Jacquemont S, Scherer SW, Ketema E, Aiello AE, Amstadter AB, Avdibegović E, Babic D, Baker DG, Bisson JI, Boks MP, Bolger EA, Bryant RA, Bustamante AC, Caldas-de-Almeida JM,

Cardoso G, Deckert J, Delahanty DL, Domschke K, Dunlop BW, Dzubur-Kulenovic A, Evans A, Feeny NC, Franz CE, Gautam A, Geuze E, Goci A, Hammamieh R, Jakovljevic M, Jett M, Jones I, Kaufman ML, Kessler RC, King AP, Kremen WS, Lawford BR, Lebois LAM, Lewis C, Liberzon I, Linnstaedt SD, Lugonja B, Luykx JJ, Lyons MJ, Mavissakalian MR, McLaughlin KA, McLean SA, Mehta D, Mellor R, Morris CP, Muhie S, Orcutt HK, Peverill M, Ratanatharathorn A, Risbrough VB, Rizzo A, Roberts AL, Rothbaum AO, Rothbaum BO, Roy-Byrne P, Ruggiero KJ, Rutten BPF, Schijven D, Seng JS, Sheerin CM, Sorenson

MA, Teicher MH, Uddin M, Ursano RJ, Vinkers CH, Voisey J, Weber H, Winternitz S, **Xavier M**, Yang R, McD Young R, Zoellner LA, Salem RM, Shaffer RA, Wu T, Ressler KJ, Stein MB, Koenen KC, Sebat J, Nievergelt CM. [Rare copy number variation in posttraumatic stress disorder](#). Mol Psychiatry. 2022 Sep 21; doi: 10.1038/s41380-022-01776-4. [Epub ahead of print] PubMed PMID: 36131047.

Maltês S, Cunha GJL, Rocha BML, Guerreiro R, Duarte J, Morais R, Henriques C, **Rodrigues C, Araújo I, Fonseca C**. [Sleep-disordered breathing patterns in hospitalized patients with acute heart failure across the entire spectrum of ejection fraction](#). Sleep Breath. 2022 Sep;26(3):1281-1286. doi: 10.1007/s11325-021-02511-z. Epub 2021 Oct 20. PubMed PMID: 34671911.

Mario D, **Frederico BG**. [To keep watching or let it go: can we achieve an optimal tradeoff between costs and effectiveness for post-EVAR follow-up?](#). Eur J Vasc Endovasc Surg. 2022 Sep 5; doi: 10.1016/j.ejvs.2022.08.026. [Epub ahead of print] PubMed PMID: 36075543.

Moita LF, Sweeney TE, **Póvoa P**. [A new possibility: gene-expression-based diagnostics for presymptomatic diagnosis of hospital-acquired infections](#). Intensive Care Med. 2022 Sep;48(9):1206-1207. doi: 10.1007/s00134-022-06823-w. Epub 2022 Aug 2. PubMed PMID: 35916912.

Moura-Coelho N, Arrondo E, Papa-Vettorazzi MR, Cunha JP, Güell JL. [DMEK for the treatment of interface fluid syndrome secondary to failed DSAEK graft: A case report and review of the literature](#). Am J Ophthalmol Case Rep. 2022 Sep;27:101656. doi: 10.1016/j.ajoc.2022.101656. eCollection 2022 Sep. PubMed PMID: 35865659; PubMed Central PMCID: PMC9294039.

Nosrati H, Ghaffarlou M, Salehiabar M, Mousazadeh N, Abhari F, Barsbay M, Ertas YN, Rashidzadeh H, Mohammadi A, Nasehi L, Rezaeejam H, Davaran S, Ramazani A, **Conde J**, Danafar H. [Magnetite and bismuth sulfide Janus heterostructures as radiosensitizers for in vivo enhanced radiotherapy in](#)

[breast cancer](#). Biomater Adv. 2022 Sep;140:213090. doi: 10.1016/j.bioadv.2022.213090. Epub 2022 Aug 22. PubMed PMID: 36027669.

Oliveira-Pinto J, **Ferreira RS**, Oliveira NFG, Hoeks S, Van Rijn MJ, Raa ST, Mansilha A, Verhagen HJM, Bastos Gonçalves F. [Erratum to "Total luminal volume predicts risk after endovascular aneurysm repair. \[Eur J Vasc Endovasc Surg \(2020\) 59, 918-927\]"](#). Eur J Vasc Endovasc Surg. 2022 Sep 16:S1078-

5884(22)00518-4. doi: 10.1016/j.ejvs.2022.08.012. Epub ahead of print. Erratum for: Eur J Vasc Endovasc Surg. 2020 Jun;59(6):918-927. PMID: 36123223.

Ordulu Z, Mino-Kenudson M, Young RH, Van de Vijver K, Zannoni GF, **Félix A**, Burandt E, Wong A, Nardi V, Oliva E. [Morphologic and Molecular Heterogeneity of Cervical Neuroendocrine Neoplasia: A Report of 14 Cases](#). Am J Surg Pathol. 2022 Sep 5; doi: 10.1097/PAS.0000000000001943. [Epub ahead of print] PubMed PMID: 36069807.

Osswald M, Barros-Carvalho A, Carmo AM, Loyer N, **Gracio PC**, Sunkel CE, **Homem CCF**, Januschke J, Morais-de-Sá E. [aPKC regulates apical constriction to prevent tissue rupture in the Drosophila follicular epithelium](#). Curr Biol. 2022 Sep 14; doi: 10.1016/j.cub.2022.08.063. [Epub ahead of print] PubMed PMID: 36113470.

Papa-Vettorazzi MR, **Moura-Coelho N**, Manero F, Cruz-Rodriguez JB, Elies D, Güell JL. [Long-term efficacy and safety profiles of iris-fixated foldable anterior chamber phakic intraocular lens implantation in eyes with more than 10 years of follow-up](#). J Cataract Refract Surg. 2022 Sep 1;48(9):987-992. doi: 10.1097/j.jcrs.0000000000000937. PubMed PMID: 35311741.

Pinheiro RL, Pinheiro SL, **Nunes Silva T**, Canha C, Fonseca MCDF, Proença RDMB. [Ocular Sarcoidosis and Autoimmune Polyglandular Syndrome Type 2: A Case Report](#). Ocul Immunol Inflamm. 2022 Sep 20;1-4. doi: 10.1080/09273948.2022.2122513. [Epub ahead of print] PubMed PMID: 36126065.

Presume J, Ferreira J, Ribeiros R, **Mendes M**. [Achieving higher efficacy without compromising safety with Factor XI inhibitors versus low-molecular-weight heparin for the prevention of venous thromboembolism in major orthopedic surgery - Systematic Review and Meta-Analysis](#). J Thromb

Haemost. 2022 Sep 21; doi: 10.1111/jth.15890. [Epub ahead of print] PubMed PMID: 36128769.

Puliatti S, Amato M, Mazzone E, Rosiello G, De Groote R, Berquin C, Piazza P, **Farinha R**, Mottrie A, Gallagher AG. [Development and Validation of the Metric-Based Assessment of a Robotic Dissection Task on an Avian Model.](#) J Surg

Res. 2022 Sep;277:224-234. doi: 10.1016/j.jss.2022.02.056. Epub 2022 Apr 30. PubMed PMID: 35504150.

Pulido I, Nunes C, **Botelho A**, Lopes M, Martins S, Tomé L, Dinis F, Boto P. [Comprehensive geriatric assessment of older patients and associated factors of admission to Emergency Departments in pre-covid 19 Era - A Portuguese study.](#) Rev Esp Geriatr Gerontol. 2022 Sep 6; doi: 10.1016/j.regg.2022.08.005. [Epub ahead of print] PubMed PMID: 36115748.

Reschke F, Lanzinger S, Herczeg V, Prahalad P, Schiaffini R, Mul D, Clapin H, Zabeen B, Pelicand J, Phillip M, **Limbert C**, Danne T. [The COVID-19 Pandemic Affects Seasonality, With Increasing Cases of New-Onset Type 1 Diabetes in Children, From the Worldwide SWEET Registry.](#) Diabetes Care. 2022 Sep 27; doi: 10.2337/dc22-0278. [Epub ahead of print] PubMed PMID: 36166593.

Sá Martins V, Adragão T, Aguiar L, Pinto I, Dias C, Figueiredo R, Lourenço P, Pascoal T, Pereira J, Pinheiro T, Ramião I, Velez B, **Papoila AL**, Borges N, **Calhau C**, Macário F. [Prognostic Value of the Malnutrition-inflammation Score in Hospitalization and Mortality on Long-term Hemodialysis.](#) J Ren Nutr. 2022 Sep;32(5):569-577. doi: 10.1053/j.jrn.2021.11.002. Epub 2021 Dec 23. PubMed PMID: 34922814.

Saura O, Rouzé A, Martin-Loeches I, **Povoa P**, Kreitmann L, Torres A, Metzelard M, Du Cheyron D, Lambiotte F, Tamion F, Labruyere M, Boulle Geronimi C, Luyt CE, Nyunga M, Pouly O, Thille AW, Megarbane B, Saade A, Magira E, Llitjos JF, Ioannidou I, Pierre A, Reignier J, Garot D, Baudel JL, Voiriot G, Plantefevre G, Morawiec E, Asfar P, Boyer A, Mekontso-Dessap A, Bardaka F, Diaz E, Vinsonneau C, Floch PE, Weiss N, Ceccato A, Artigas A, Nora D, Duhamel A, Labreuche J, Nseir S. [Relationship between corticosteroid use and incidence of ventilator-associated pneumonia in COVID-19 patients: a retrospective multicenter study.](#) Crit Care. 2022 Sep 27;26(1):292. doi: 10.1186/s13054-022-04170-2. PubMed PMID: 36167550.

Sousa-Pinto B, Sá-Sousa A, Vieira RJ, Amaral R, Klimek L, Czarlewski W, Antó JM, Pfaar O, Bedbrook A, Kvedariene V, Ventura MT, Ansotegui IJ, Bergmann KC, Brussino L, Canonica GW, Cardona V, **Carreiro-Martins P**, Casale T, Cecchi L, Chivato T, Chu DK, Cingi C, Costa EM, Cruz AA, De Feo G, Devillier P, Fokkens WJ, Gaga M, Gemicioğlu B, Haahtela T, Ivancevich JC, Ispayeva Z, Jutel M, Kuna P, Kaidashev I, Kraxner H, Larenas-Linnemann DE, Laune D, Lipworth B, Louis R, Makris M, Monti R, Morais-Almeida M, Mösges R, Mullol J, Odemyr M,

Okamoto Y, Papadopoulos NG, Patella V, Pham-Thi N, Regateiro FS, Reitsma S, Rouadi PW, Samolinski B, Sova M, Todo-Bom A, Taborda-Barata L, Tomazic PV, Toppila-Salmi S, Sastre J, Tsiligianni I, Valiulis A, Vandenplas O, Wallace D, Wasserman S, Yorgancioglu A, Zidarn M, Zuberbier T, Fonseca JA, Bousquet J. [Behavioural patterns in allergic rhinitis medication in Europe: A study using MASK-air® real-world data.](#) *Allergy*. 2022 Sep;77(9):2699-2711. doi: 10.1111/all.15275. Epub 2022 Mar 17. PubMed PMID: 35258105.

Timóteo AT. [Can PM20D1 be a New Kid on the Block in Cardiovascular Risk Stratification? Do Not Run before You Can Walk.](#) *Arq Bras Cardiol*. 2022 Sep; 119(3):380-381. doi: 10.36660/abc.20220462. PubMed PMID: 36074371; PubMed Central PMCID: PMC9438542.

Vazquez-Ortiz M, Gore C, Alviani C, Angier E, Blumchen K, Comberiati P, Duca B, DunnGalvin A, Garriga-Baraut T, Gowland MH, Egmore B, Knibb R, Khaleva E, Mortz CG, Pfaar O, **Pite H**, Podesta M, Santos AF, Sanchez-Garcia S, Timmermans F, Roberts G. [A practical toolbox for the effective transition of adolescents and young adults with asthma and allergies - an EAACI Position paper.](#) *Allergy*. 2022 Sep 29. doi: 10.1111/all.15533. Epub ahead of print. PMID: 36176045.

Veronese N, Cooper C, Bruyère O, Al-Daghri NM, **Branco J**, Cavalier E, Cheleschi S, da Silva Rosa MC, Conaghan PG, Dennison EM, de Wit M, Fioravanti A, Fuggle NR, Haugen IK, Herrero-Beaumont G, Honvo G, Laslop A, Matijevic R, Migliore A, Mobasheri A, Pelletier JP, Prieto Yerro MC, Radermecker RP, Rannou F, Rizzoli R, Reginster JY. [Multimodal Multidisciplinary Management of Patients with Moderate to Severe Pain in Knee Osteoarthritis: A Need to Meet Patient Expectations.](#) *Drugs*. 2022 Sep 16; doi: 10.1007/s40265-022-01773-5. [Epub ahead of print] PubMed PMID: 36112341.

Wernly B, Rezar R, Flaatten H, Beil M, Fjølner J, Bruno RR, Artigas A, Pinto BB, Schefold JC, Kelm M, Sigal S, van Heerden PV, Szczeklik W, Elhadi M, Joannidis M, Oeyen S, Wolff G, Marsh B, Andersen FH, **Moreno R**, Leaver S, Wernly S,

Boumendil A, De Lange DW, Guidet B, Jung C. [Variations in end-of-life care practices in older critically ill patients with COVID-19 in Europe](#). J Intern Med. 2022 Sep;292(3):438-449. doi: 10.1111/joim.13492. Epub 2022 Apr 22. PubMed PMID: 35398948; PubMed Central PMCID: PMC9115222.

Writing Committee, ESVS Guidelines Committee, Document Reviewers, European Society for Vascular Surgery (ESVS)¹ [2023 Clinical Practice Guidelines on Radiation Safety](#). Eur J Vasc Endovasc Surg. 2022 Sep 18; doi: 10.1016/j.ejvs.2022.09.005. [Epub ahead of print] PubMed PMID: 36130680.

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