

Outputs:

- Santos-Rocha R, Branco M, Prior de Freitas J, Castro B, Pinto AT, Silva-Santos S, Nogueira-Silva C, Oviedo-Caro MA, Szablewska A, Szumilewicz A. Impact of in-person versus online supervised multicentre multicomponent prenatal exercise programme on maternal physical activity, fitness and healthy lifestyle: the Active Pregnancy trial SPIRIT 2025-based protocol. *BMJ Open Sport Exerc Med*. 2025 Jul 11;11(3):e002767. doi: 10.1136/bmjsem-2025-002767.
- Sánchez-Polán M, Santos-Rocha R, Zhang D, Silva-José C, Franco E, Barakat R. Physical activity during pregnancy and gestational weight gain depending on pre-pregnancy body mass index: systematic review and meta-analysis. *BMC Pregnancy Childbirth*. 2026 Feb 14;26(1):309. doi: 10.1186/s12884-026-08713-1.
- Castro B, Sousa S, Ramos L, Silva MR, Mota J, Santos-Rocha R. Benefícios do exercício físico durante a gravidez na condição física materna – revisão sistemática. *Retos*. 2024; 59:286-304. doi: 10.47197/retos.v59.105313
- Alves L, Ferreira C, Mercê C, Santos-Rocha R. Exploring user profiles and preferences for mobile apps promoting active lifestyles during pregnancy and postpartum: cross-sectional study. *BMC Pregnancy Childbirth*. 2025 May 10;25(1):558. doi: 10.1186/s12884-025-07635-8.
- Davenport MH, Christopher S, Deering RE, Prevett C, Dufour S, Forte M, Beamish N, Adamo K, Bo K, Brockwell E, Brunet-Pagé É, Chari R, De Vivo M, Fleming K, Hassan A, Hayman M, Lane KN, Mottola MF, Neil-Sztramko SE, Santos-Rocha RA, Szumilewicz A, Ruchat SM. International Delphi study of clinical and exercise professionals' opinion of physical activity prescreening and contraindications for participating in postpartum physical activity. *Br J Sports Med*. 2025 Mar 31;59(8):527-538. doi: 10.1136/bjsports-2024-109104.
- May LE, Moss SJ, Szumilewicz A, Santos-Rocha R, Shojaeian NA. Barriers and Facilitators of Physical Activity in Pregnancy and Postpartum Among Iranian Women: A Scoping Review. *Healthcare (Basel)*. 2024 Dec 2;12(23):2416. doi: 10.3390/healthcare12232416.
- Cavero KM, Santos-Rocha R, Gómez-Baya D, Rosado-Bello S, Fernández-Martínez E, Maure-Rico M, Grasmeijer AJ, Mendoza-Berjano R. Physical Activity and Sedentary Patterns of Pregnant Women in Southern Spain and the Relationship with Sociodemographic and Obstetric Characteristics: A Cross-Sectional Study. *Healthcare (Basel)*. 2025 Jun 13;13(12):1423. doi: 10.3390/healthcare13121423.
- Szablewska AW, Pietrzak K, Alves A, Szumilewicz A, Malveiro C, Silva-Santos S, Santos-Rocha R. Guidance on physical activity from cancer

survivorship to pregnancy: a scoping review. *Front Public Health*. 2026 May 29;14:1801672. doi: 10.3389/fpubh.2026.1801672.

- Szablewska AW, Zając B, Lesińska M, Santos-Rocha R, Szumilewicz A. Associations between physical activity, body esteem, and self-esteem among women with breast and gynecological cancer. *J Psychosom Res*. 2026 Apr;203:112547. doi: 10.1016/j.jpsychores.2026.112547.
- Goik D, Szumilewicz A, Musiał N, Santos-Rocha R, Wołyniec W, May LE, Czaplewska P. Proteomic changes induced by acute exercise and high-intensity interval training during pregnancy: a pilot randomised controlled trial. *Sci Rep*. 2025 Nov 10;15(1):39317. doi: 10.1038/s41598-025-22991-3.
- Szablewska AW, Wencel S, Santos-Rocha R, Szumilewicz A. Long-lasting effects of pregnancy and childbirth on physical activity in early school-age children. *Sci Rep*. 2025 Sep 1;15(1):32080. doi: 10.1038/s41598-025-17817-1.
- Szablewska AW, Zając B, Santos-Rocha R. From one birth to the next: how cesarean section affects maternal physical activity and health in later pregnancy-A prospective cohort study. *Front Public Health*. 2025 Aug 13;13:1657089. doi: 10.3389/fpubh.2025.1657089.
- Walczak-Kozłowska T, Wilczyńska D, Santos-Rocha R, Szumilewicz A. Empowering moms: Supervised HIIT vs. self-performed moderate intensity physical activity during pregnancy and the battle against depression and poor mental health in the postpartum period - The follow-up of a randomized controlled trial. *Appl Psychol Health Well Being*. 2025 Jun;17(3):e70043. doi: 10.1111/aphw.70043.