B”SD

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**ABSI and Inflammation, GI, Pulmonary, Renal, and Others**

**ABSI references to 3/24:**[**https://drjessekrakauer.com/absi.html**](https://drjessekrakauer.com/absi.html)

**https://en.wikipedia.org/wiki/Body\_shape\_index**

**ABSI = WC weight-2/3height5/6 = WC/(BMI2/3height1/2)**

**Inflammation**

**Christakoudi, S., Riboli, E., Evangelou, E. *et al.* Associations of body shape index (ABSI) and hip index with liver, metabolic, and inflammatory biomarkers in the UK Biobank cohort. *Sci Rep* 12, 8812 (2022).** [**https://doi.org/10.1038/s41598-022-12284-4**](https://doi.org/10.1038/s41598-022-12284-4)

# Lee M-R, Jung SM. Serum Folate Related to Five Measurements of Obesity and High-Sensitivity C-Reactive Protein in Korean Adults. Nutrients. 2022; 14(17):3461 “folate level showed a significant inverse association with obesity and inflammatory biomarkers, especially in the middle-aged group”

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**GI - Hepatobiliary**

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**Gurecká R, Koborová I, Šebek J, Šebeková K. Presence of Cardiometabolic Risk Factors Is Not Associated with Microalbuminuria in 14-to-20-Years Old Slovak Adolescents: A Cross-Sectional, Population Study. PLoS One. 2015 Jun 5;10(6):e0129311. doi: 10.1371/journal.pone.0129311. PMID: 26046923; PMCID: PMC4489371.**

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**Pulmonary**

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# Kolena B, Petrovičová I, Šidlovská M, Hlisníková H, Bystričanová L, Wimmerová S, Trnovec T. Occupational Hazards and Risks Associated with Phthalates among Slovakian Firefighters. Int J Environ Res Public Health. 2020 Apr 5;17(7):2483. doi: 10.3390/ijerph17072483. PMID: 32260494; PMCID: PMC7178246. Annotation “We observed a positive association between phthalate metabolites ) and waist-to-hip ratio (WHR; *p* = 0.003-0.09) and body shape index (ABSI; *p* = 0.039-0.09) …exposure to phthalates could be linked with changing body structure, which subsequently affects values of pulmonary functions in firefighters.”

**Soltanifar M, Karunanayake C, Khadka D, Henderson R, Konehnck N, et al. (2019) Is A Body Shape Index (ABSI) Predictive of Lung Function?. Int J Respir Pulm Med 6:101. doi.org/10.23937/2378-3516/1410101 Annotation; “ABSI may be considered as a key predictor for spirometric lung functions in men and women for Canadian First Nation Populations with more significant results in men.”**

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**Renal**

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**Ob-Gyn**

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**Ortho**

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**Others**

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**Neuro-Psych**

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