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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Ref | Time | doi | Relation | Variable |  | Gender | Calcification | Complications | CKD stages | sample |
| (1) | 2001 | 10.1159/000046119 | associates | Osteopontin | r=0.749 (age- and sex-matched) | x | Aortic calcification index (ACI) |  | 5D (HD) | 71 |
| (2) | 2013 | 10.1186/1471-2369-14-221 | causes | Male sex | All patients: OR 4.218 (1.403-14.207)  eGFR < 30: OR 4.167 (1.050-20.178) | v | Abdominal aortic calcification (AAC) (Kauppila Index) |  | 3-4 | 178 |
|  |  |  |  |  | Lack of a FEP-FGF23 correlation in patients with severe AAC (KI > 5) suggested a role for an impaired phosphaturic response to FGF23 but not to PTH in AAC. Logistic and zero-inflated analysis confirmed the independent association of age, CKD stage, male gender and CP with AAC, and also identified a threshold FEP/FGF23 ratio of 1/3.9, below which the chances for a patient of presenting severe AAC increased by 3-fold. |  |  |  |  |  |
| (3) | 2017 | 10.1186/s12882-017-0480-2 | complications | AAC score | OR 1.19 (1.07–1.30) | v | AAC | Coronary artery disease | 5D | 90 |
|  |  |  |  | Male gender | Univariate: 2.59 (1.00–6.68)  Multivariate: 2.73 (0.95–7.82) |  |  |  |  |  |
| (4) | 2012 | 10.1371/journal.pone.0039241 | complications | Male gender | β=-0.34 (-13.45– -4.48) | v | AAC | Left ventricular mass index | 3 | 120 |
|  |  |  |  | Mean femoral Z-score | β=-0.23 (-4.75– -0.85) |  |  |  |  |  |
|  |  |  | associates | Male gender | +24% compared to no calcification |  |  |  |  |  |
| (5) | 2009 | 10.1111/j.1525-1594.2009.00814.x | causes | Male gender | HR 0.87 (0.56–0.91, p=0.87) | v | Coronary artery calcification score (CACS) |  | 5D (HD) | 102 |
|  |  |  |  | HD vintage | 0.85 (0.58–0.95)  Independent of other influencing factors, HD vintage and serum PTH levels were significant determinants of low bone mass and T-scores in all anatomical sites whereas fetuin-A was an independent predictor in proximal radius, femoral neck, and trochanter |  | CACS |  |  |  |
|  |  |  |  | Serum PTH | Standard regression coefficient -0.21– -0.33 |  | Bone mineral densities (BMD) |  |  |  |
|  |  |  |  | Fetuin-A | Standard regression coefficient -0.29– -0.41 |  | BMD |  |  |  |

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