Risk factors for situs defects and congenital heart disease in primary ciliary dyskinesia

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Published in:
Thorax

DOI:
10.1136/thoraxjnl-2018-212104

Publication date:
2019

Document Version
Peer reviewed version

Link to publication in Discovery Research Portal

Citation for published version (APA):
Number of patients with situs arrangement

![Graph showing situs arrangements and PCD genes](image-url)

- **Situs Solitus (SS)**
- **Abnormal Situs (SIT and SA)**
Confirmed PCD patients
N = 389

Situs Determined
N = 370

370 situ
certified

234 organ
defect classified

Situs Solitus (SS)
N = 182
(49.2%)

CHD
N = 9
(3.8%)

Situs Inversus Totalis (SIT)
N = 155
(41.9%)

CHD
N = 17
(7.2%)

CHD + laterality defect other than SIT
N = 14 (6%)

Situs Ambiguous (SA)
N = 33
(8.9%)

Laterality defect other than SIT without CHD
N = 19 (8.1%)