

Title: Cystic Fibrosis and Congenital Absence of the Vas Deferens *GeneReview* Table 4a

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Note: The following information is provided by the authors listed above and has not been reviewed by *GeneReviews* staff.

Table 4a. Residual Risk of Being a Carrier (%) if Testing is Negative

Prior Risk of Carrier Status	Pathogenic Variant Detection Rate									
	30%	40%	50%	60%	70%	75%	80%	85%	90%	95%
2/3 (66.7%) ¹	58.3	54.5	50.0	44.4	37.5	33.3	28.6	23.1	16.7	9.1
1/2 (50.0%) ²	41.2	37.5	33.3	28.6	23.1	20.0	16.7	13.0	9.1	4.8
1/4 (25.0%) ³	48.9	16.7	14.3	11.8	9.1	7.7	6.3	4.8	3.2	1.6
1/8 (12.5%)	9.1	7.9	6.7	5.4	4.1	3.4	2.8	2.1	1.4	0.7
1/16 (6.3%)	4.5	3.8	3.2	2.6	2.0	1.6	1.3	1.0	0.7	0.3
1/20 (5.0%)	3.6	3.1	2.6	2.1	1.6	1.3	1.0	0.8	0.5	0.3
1/25 (4.0%)	2.8	2.4	2.0	1.6	1.2	1.0	0.8	0.6	0.4	0.2
1/30 (3.3%)	2.4	2.0	1.7	1.4	1.0	0.9	0.7	0.5	0.3	0.2
1/35 (2.9%)	2.0	1.7	1.4	1.2	0.9	0.7	0.6	0.4	0.3	0.1
1/40 (2.5%)	1.8	1.5	1.3	1.0	0.8	0.6	0.5	0.4	0.3	0.1
1/50 (2.0%)	1.4	1.2	1.0	0.8	0.6	0.5	0.4	0.3	0.2	0.1
1/60 (1.7%)	1.2	1.0	0.8	0.7	0.5	0.4	0.4	0.3	0.2	0.1
1/70 (1.4%)	1.0	0.9	0.7	0.6	0.4	0.4	0.3	0.2	0.1	0.1
1/80 (1.3%)	0.9	0.8	0.6	0.5	0.4	0.3	0.3	0.2	0.1	0.1
1/90 (1.1%)	0.8	0.7	0.6	0.4	0.3	0.3	0.2	0.2	0.1	0.1
1/100 (1.0%)	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.1	0.1

Last update: 8-25-15

1. Sib of proband

2. Sib of parent

3. Cousin of proband