

Asthma-Mali Output

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RSV-LRTI cases through first 3 years

RSV-LRTI cases for no intervention (status quo)

	0-<6	6-<12	12-<18	18-<24	24-<30	30-<36	total
5%	16054.32	17724.49	8523.774	4684.917	2705.006	1167.489	52245.81
95%	27696.60	30551.83	14936.914	8396.505	4928.889	2238.378	86439.22

RSV-LRTI cases for lAb

	0-<6	6-<12	12-<18	18-<24	24-<30	30-<36	total
5%	9847.56	17724.49	8523.774	4684.917	2705.006	1167.489	46005.47
95%	17300.01	30551.83	14936.914	8396.505	4928.889	2238.378	76293.44

RSV-LRTI cases for lAb + pVax

	0-<6	6-<12	12-<18	18-<24	24-<30	30-<36	total
5%	6579.2	8170.99	5017.585	4684.917	2705.006	1167.489	29234.04
95%	11445.6	14084.40	8804.568	8396.505	4928.889	2238.378	48443.60

RSV-LRTI percent decrease compared to status quo through first 3 years

percent decrease for lAb

	0-<6	6-<12	12-<18	18-<24	24-<30	30-<36	total
5%	34.77623	0	0	0	0	0	10.41506
95%	41.02112	0	0	0	0	0	13.45669

percent decrease for lAb + pVax

	0-<6	6-<12	12-<18	18-<24	24-<30	30-<36	total
5%	57.05119	53.9	38.37011	0	0	0	42.46723
95%	60.60436	53.9	43.54197	0	0	0	45.51670

RSV-LRTI hospitalizations through first 3 years

RSV-LRTI hospitalizations for no intervention (status quo)

	0-<6	6-<12	12-<18	18-<24	24-<30	30-<36	total
5%	1782.013	923.0576	418.8972	229.3133	120.7568	52.81978	3589.403
95%	4614.154	2344.8642	1076.8092	602.7809	321.2163	144.42243	8983.484

RSV-LRTI hospitalizations for lAb

	0-<6	6-<12	12-<18	18-<24	24-<30	30-<36	total
5%	1100.116	923.0576	418.8972	229.3133	120.7568	52.81978	2898.926
95%	2864.791	2344.8642	1076.8092	602.7809	321.2163	144.42243	7267.193

RSV-LRTI hospitalizations for lAb + pVax

	0-<6	6-<12	12-<18	18-<24	24-<30	30-<36	total
5%	733.4213	425.5295	245.9257	229.3133	120.7568	52.81978	1840.925
95%	1907.2703	1080.9824	638.2704	602.7809	321.2163	144.42243	4620.417

RSV-LRTI hospitalizations percent decrease compared to status quo through first 3 years

percent decrease for lAb

	0-<6	6-<12	12-<18	18-<24	24-<30	30-<36	total
5%	34.77623	0	0	0	0	0	17.18763
95%	41.02112	0	0	0	0	0	21.25922

percent decrease for lAb + pVax

	0-<6	6-<12	12-<18	18-<24	24-<30	30-<36	total
5%	57.05119	53.9	38.37011	0	0	0	47.09249
95%	60.60436	53.9	43.54197	0	0	0	50.04895

RSV-LRTI deaths through first 3 years

RSV-LRTI deaths for no intervention (status quo)

	0-<6	6-<12	12-<18	18-<24	24-<30	30-<36	total
5%	34.40716	13.97692	5.387032	2.633549	1.261715	0.5113923	60.4541
95%	126.74644	48.32228	19.581205	10.170592	5.160083	2.2364333	207.6185

RSV-LRTI deaths for lAb

	0-<6	6-<12	12-<18	18-<24	24-<30	30-<36	total
5%	20.99275	13.97692	5.387032	2.633549	1.261715	0.5113923	46.75354
95%	77.00486	48.32228	19.581205	10.170592	5.160083	2.2364333	158.37570

RSV-LRTI deaths for lAb + pVax

	0-<6	6-<12	12-<18	18-<24	24-<30	30-<36	total
5%	14.48210	6.443361	3.145284	2.633549	1.261715	0.5113923	30.02585
95%	54.51524	22.276570	11.448994	10.170592	5.160083	2.2364333	102.80354

RSV-LRTI deaths percent decrease compared to status quo through first 3 years

percent decrease for lAb

	0-<6	6-<12	12-<18	18-<24	24-<30	30-<36	total
5%	36.07432	0	0	0	0	0	19.13925
95%	41.95878	0	0	0	0	0	27.22686

percent decrease for lAb + pVax

	0-<6	6-<12	12-<18	18-<24	24-<30	30-<36	total
5%	55.56142	53.9	38.92138	0	0	0	48.43472
95%	59.68565	53.9	44.03046	0	0	0	52.38485

RSV-attributable and total recurrent wheeze or asthma prevalence at 6 years of age by intervention

RSV-LRTI attributable wheeze/asthma at 6 years

	no intervention	lAb	lAb + pVax
5%	2436.427	2148.355	1367.739
95%	18541.316	16388.125	10433.658

RSV-LRTI attributable wheeze/asthma per 10,000 children at 6 years

	no intervention	lAb	lAb + pVax
5%	34.90569	30.7786	19.59503
95%	265.63376	234.7859	149.47869

RSV-LRTI attributable wheeze/asthma at 6 years, percent decrease from status quo

	lAb	lAb + pVax
5%	10.41506	42.46723

	lAb	lAb + pVax
95%	13.45669	45.51670

Total recurrent wheeze/asthma

	no intervention	lAb	lAb + pVax
5%	65311.66	64274.68	61068.55
95%	86639.68	85427.00	82592.79

Total recurrent wheeze/asthma per 10,000 children at 6 years

	no intervention	lAb	lAb + pVax
5%	935.6932	920.8367	874.9038
95%	1241.2509	1223.8773	1183.2728

Total recurrent wheeze/asthma, percent decrease from status quo

	lAb	lAb + pVax
5%	0.3830102	1.440282
95%	2.9384982	10.783858

Total recurrent wheeze/asthma “All RSV-LRTI prevented”

	cases at 6 yrs	prevalence per 10,000 at 6 yrs	percent decrease from status quo
5%	53721.96	769.6522	3.275538
95%	78488.56	1124.4731	24.378664