

# UCLPartners/CEG Risk Stratification Tool June 2020 – COPD

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This search will identify patients with COPD who are potentially at higher risk of exacerbation. Search results may differ from QOF searches because it includes only those patients registered on the day of the search.

These patients will then be stratified into 3 groups.

- Group 1 are at greatest risk of exacerbation, and they will fall automatically into the high risk cohort
- Group 2 meet criteria that suggest they may be at higher risk of stratification. They will be stratified further using the CAT Test into high, medium and low risk cohorts
- Group 3 patients meet none of the criteria in groups 1 and 2 and are likely to be at lowest risk of exacerbation. This group can be phased for later review and risk stratification using the CAT Test

Using the UCLPartners pathway patients in each cohort can then be phased for review over time by respiratory nurse/clinical pharmacist or GP (high risk), generalist nurse/clinical pharmacist with appropriate training medium risk), or HCAs and other staff (low risk).

	<b>Risk Factor</b>	<b>Search Period</b>	<b>Comment</b>
Group 1	FEV1 <50%	Most recent ever	
	Cor pulmonale	In last 5 years	
	Oxygen prescription	In last 12m	
	MRC4-5	In last 5 years	
Group 2	COPD Exacerbation	In last 12m	
	Antibiotics	2 or more prescribed in 12m	Amoxicillin, co-amoxiclav, doxycycline, erythromycin, clarithromycin,
	Triple Therapy	Any prescribed in 6m	LABA + LAMA+ICS
	Prednisolone	Any prescribed in 12m	
	Prophylactic antibiotics	Any prescribed in 12m	Azithromycin

	FEV1 50-80	Most recent ever	
	MRC 1-3	Latest in 5 years	
Group 3	All other patients		