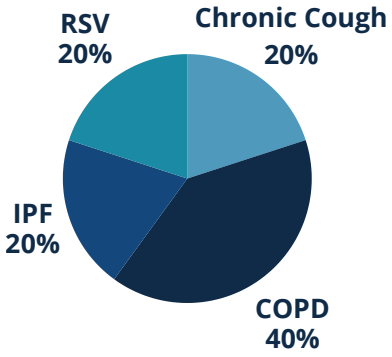


Respiratory Disease Research

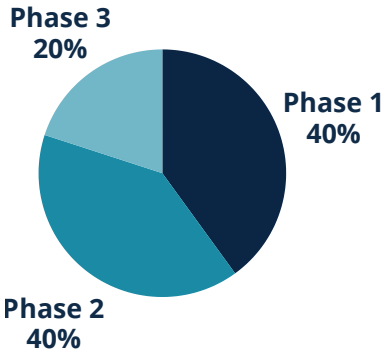
Chronic respiratory diseases place a significant and growing burden on global health, affecting nearly 570 million people worldwide*, including an estimated 200 to 380 million affected by COPD**. As the demand for innovative respiratory therapies continues to rise, MAC Clinical Research brings proven experience in this complex therapeutic area, having successfully conducted five respiratory clinical studies over the past five years, spanning indications such as idiopathic pulmonary fibrosis (IPF), COPD, Respiratory syncytial virus (RSV) and chronic cough. Our expertise, patient access, and dedicated respiratory research capabilities position us as a trusted partner for the delivery of high-quality respiratory clinical trials.

Experience in Respiratory Disease

% of Respiratory Studies by Indication



% of Respiratory Studies by Phase



In addition, we have conducted studies in healthy volunteers to assess the safety and tolerability of respiratory treatments.

Some companies we have partnered with for Respiratory Disease Research

AstraZeneca moderna medincell GSK NeRRe therapeutics

*Infection Control Today, **World Health Organization

Our Capabilities

Strategically Positioned for Rapid Start-Up

MAC Clinical Research offers a unique proposition within the CRO landscape by owning and operating a comprehensive network of ten dedicated research sites across the UK as well as contracting with sites across the globe. This integrated infrastructure enables us to deliver true Full-Service clinical development solutions across Phases I–IV.

Our UK footprint provides access to **over 35 million people** within a 20-minute radius of our owned sites, supporting rapid and reliable patient recruitment**.** This capability is further strengthened by EnVision®, our proprietary patient recruitment database containing more than 280,000 pre-profiled individuals.

Together, these assets form our highly effective “Hub & Spoke” site model, designed to maximise patient accessibility, improve engagement, and ensure consistent, high-quality delivery across all programmes.



Respiratory Assessments

Magnetic resonance spectroscopy (MRS)

Spirometry

Positron emission tomography (PET)

Respiratory function testing

Functional magnetic resonance imaging (fMRI)

Ultrasound

Polysomnography

Transfer factors in respiratory







Our Respiratory Experts



Dr Aliya Asher
Chief Medical Officer

Dr Aliya Asher is an experienced respiratory researcher with expertise across COPD, asthma, chronic cough and IPF. Having led Phase 0-3 studies, including First-in-Human (FIH), dose-escalation and late-phase trials, she is well positioned to lead complex respiratory clinical programmes across all stages of development. Her experience spans respiratory challenge models, pulmonary function testing, and a broad range of therapeutic modalities, including small molecules, biologics, inhalers and nebulisers.



Dr Giuseppe Fiore
Assistant Director
EP Research

Dr Giuseppe Fiore brings more than 12 years of clinical research experience, with a respiratory portfolio spanning over 50 studies in COPD, asthma, cystic fibrosis, bronchiectasis, and chronic cough. MHRA-accredited as a Principal Investigator for First-in-Human (FIH) studies, he has served on trials involving complex respiratory procedures, including bronchoscopy, supporting the successful delivery of advanced respiratory clinical research.

Experts Respiratory Study Experience

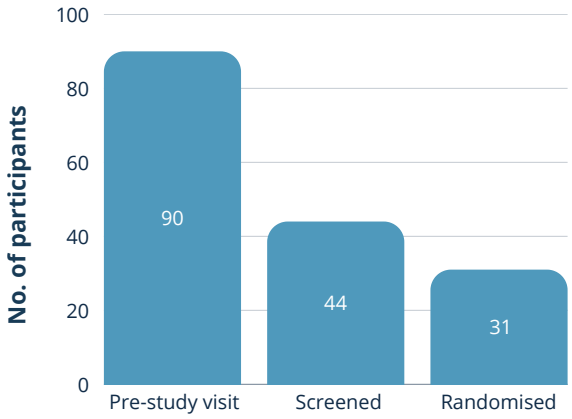
Respiratory Indication	Phase	Delivery	Studies
COPD	1,2 & 3	Inhaler, Oral, S.C., IV	50
COPD	1,2 & 3	Nebulizer, Inhaler, S.C.	40
Chronic Cough	2	Oral	1
Idiopathic Pulmonary Fibrosis	1 & 2	Oral, Inhaler	3
Method development for Biomarker through sputum analysis/BAL	0	N/A	5
Cystic Fibrosis	1 & 2	Oral	3
Non-cystic Fibrosis Bronchiectasis (NCFB)	2	Nebulizer	1
Nontuberculous Mycobacterial (NTM) Pulmonary Infection	1	Oral	1
Pulmonary Arterial Hypertension	1 & 2	Inhaler	2
Streptococcus pneumoniae	1	IM Vaccine	1

Key: S.C. = Subcutaneous Injection, IV = Intravenous Injection, IM = Intramuscular Injection, BAL = Bronchoalveolar lavage

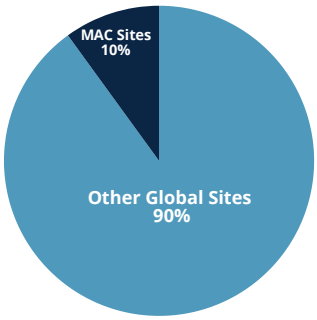
Case Study - Participant Recruitment

Chronic Refractory Cough – Phase II

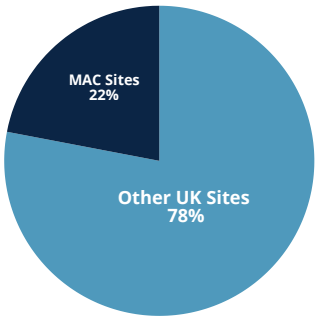
Recruitment performance



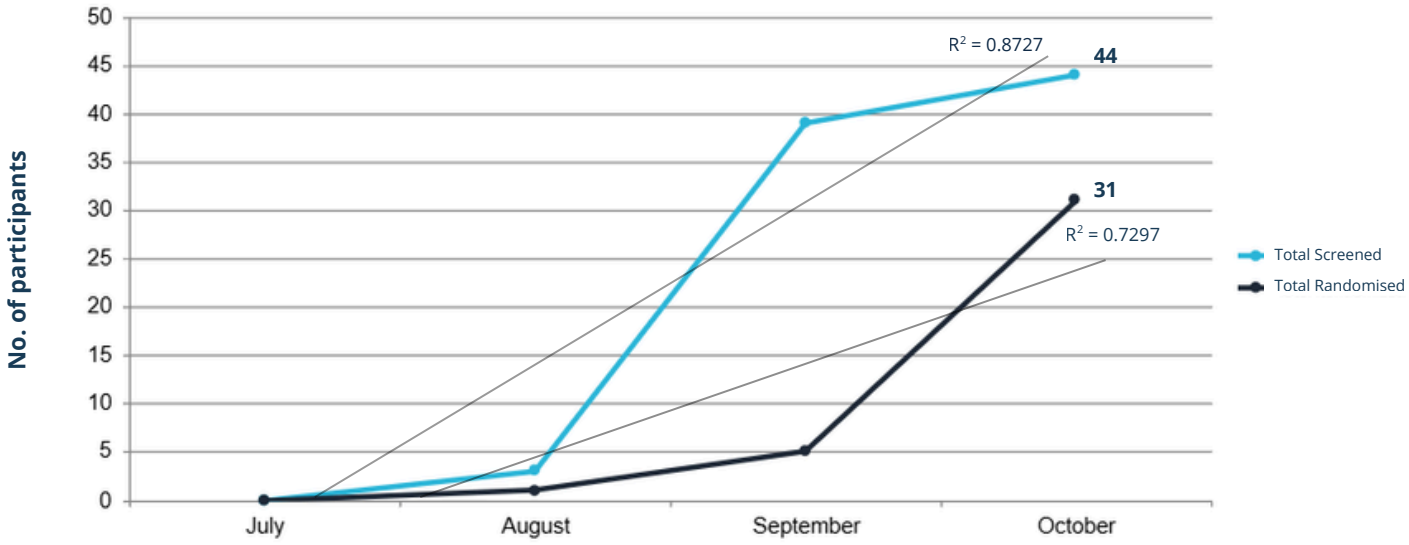
Global



UK



Screening and Randomisation Frequency



- MAC outperformed all other sites on the study with the same recruitment model
- Randomised 31 participants in just over 2 months

MAC Clinical Research

- Over 30 years' experience in conducting clinical studies
- Full-service CRO with global reach
- 10 fully-owned research facilities in the UK
- Experts in healthy volunteer and patient recruitment



5-year summary

120+	250+	50+	20+
SPONSORS	STUDIES	INDICATIONS	FIH STUDIES

Our Services

CLINICAL RESEARCH SERVICES

Project Management

Clinical Operations
Site Monitoring
Site Management
Trial Feasibility

Pharmacovigilance

Regulatory Affairs

Biometrics
EDC
Data Management
SAS Programming
Biostatistics
Medical Writing

Vendor Management

Randomization and Trial Supply Management

Digital Solutions
Electronic Patient-Reported Outcomes (ePRO)
eConsent

Medical Monitoring

SITE & PATIENT SERVICES

Participant Recruitment

Participant Retention

Global Investigator Sites

Network of Fully-Owned Investigator Sites
Sleep Laboratory
Early Phase Unit
Psychedelic Testing Suites
Phase I - IV Research Facilities
Memory Assessment Research Centre

SCIENTIFIC SOLUTIONS

Human Models of Disease

Scientific and Endpoint Assessments
Cardiovascular Assessments
Cognitive and Neuropsychological Assessments
Dermatology Assessments
Imaging Assessments
Neurophysiology Assessments
Pain Assessments
Other Assessments

Clinical Procedures

Sleep Assessments

Psychedelics

Training

PHARMACEUTICAL SERVICES

GMP Manufacturing

In-House Pharmacy

Global Clinical Supplies

QP Services

IMP Management & Distribution

Controlled Drug Services

Laboratory Services
Clinical Pathology
Bioanalytical Services

STRATEGIC CONSULTANCY

Therapeutic Area Expertise & Study Development

Scientific Solutions & Pharmacodynamics

Clinical Science & Development

Medical Strategy, Input & Expertise

Statistical Analysis, Planning & Advice

Medical Writing

Laboratory Study Design, Methods & Conduct

Follow us on social

Visit **macplc.com** for more information