Dist. Vadodara-391 760. (Gujarat)



("Effective Date") by and between:

Respiratory Research Network of India

(An initiative by Chest Research Foundation, Pune)

Memorandum of Understanding for enrollment with RRNI

This Memorandum of Understanding ("MoU") is made and entered into on this

	By and between
	By and between
trust reg No 15,	Research Foundation through its Respiratory Research Network of India division (a public charitable gistered under the provisions of the Bombay Public Trust Act, 1950) having it's registered address at S Marigold Premises, behind Gold AD Labs, Kalyaninagar, Pune, Maharashtra - 411014 (hereinafter d to as RRNI);
	and
Dr	ARTI D SHAH a professional, bearing PAN No AWSPS8690N, an Indian
citizen,	and having a permanent residence at Dept. Of Respectory Mediany Drive
Hospi Inst	tal Sumandeep Vidyaper than (hereinafter referred to as the "Investigator") Deemed to be university At I'D Promya, To wayhodia, Vadodaa (39176) and
	SUMAN DEEP VID YAPEETH , an institute registered under
	Section 3 of UGK Act 1956 and having its registered office at
Dr	Chandramani Moue, Registrar Sumandeep Vidyapleth an Ir
(herein	nafter referred to as the "Institute") Delined to be university At 4 to Dipanyai To Waybodier, Vadodana (391760)
)	To waybodie, Vadodeora (391760)
RRNI, the	e Investigator and the Institute may hereinafter be collectively referred to as the "Parties" and illy as a "Party".
WHER	REAS:
A.	Chest Research Foundation is a state of the art research institute dedicated for research and education in the field of chronic respiratory diseases with focus on Obstructive Airways Disease. It conducts community based epidemiological studies, clinical trials, academic clinical research and molecular research. CRF also conducts training programs for doctors in and out of India.
В.	RRNI, a division of Chest Research Foundation, is a non-profit network of doctors dedicated to research to in respiratory medicine which has its wide reach across India. RRNI conducts large scale multi-center academic research in respiratory medicine in India. It brings together the expert roctors in the field of
Signature:	Wate: 18 (p)//20
Office A	Address: Research Coordination Centre (RRNI), C/o Chest Research
	Vice-Chancellor Sumandeep Vidyapeeth An Institution Deemed to be University Vill, Piparia, Taluka: Waghodia.
	trust re No 15, referred Dr citizen, (herein RRNI, th individua WHEF A. B.



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respiratory medicine from all over the country under one platform to facilitate knowledge sharing and research. RRNI persuades the network investigators to translate new research ideas into multicenter studies so that the data generated has a good geographical representation of Indian population.

- C. The Investigator is a Doctor, who is attached with the Institute, wishes to enroll into a research project or has initiated a research project and has sought RRNI for Assistance (as defined below) towards performing the Research Project (as defined below) and RRNI has gladly agreed to provide Assistance to the Investigator.
- D. The Institute based on the request from the Investigator & RRNI has agreed to give its consent for the Investigator & RRNI to conduct the Research Project.
- E. Based on the request and representations and warranties of the Investigator & RRNI, the Parties hereby agrees to collaborate each other, in accordance with the terms and conditions contained herein.

NOW THEREFORE, the Parties agree as follows:

Definitions:

"Affiliate" means any entity that controls, is controlled by or is under common control with such Party, where "control" means the possession, directly or indirectly, of the power to direct or cause the direction of the management and policies of such entity, through ownership of more than fifty percent (50%) of the outstanding voting securities or other ownership interests, by contract or otherwise.

"Assistance" means assistance in protocol designing and document preparation, study conductance, data management, site selection and meeting logistics, initiation and training, material procurement, study archival and close out and other coordination related support which RRNI has agreed to provide to the Investigator time to time.

"Causes" shall have the meaning as set out in section 7.

"Confidential Information"

Shall mean and includes without limitation, any information pertaining to the Purpose disclosed, either directly or indirectly, in writing or orally or by inspection of tangible objects (including without limitation documents, prototypes, samples, plant and equipment) during the course of the discussions/negotiations for the Purpose (the "Discussions") by one Party (the "Disclosing Party") to the other party (the "Receiving Party") including (a) confidential and proprietary trade secrets of the Disclosing Party and/or all other information belonging or relating to the Disclosing Party's business that is not generally known; (b) the Disclosing Party's products, processes, methodologies, systems techniques, programs, data, software, know-how, documentation of the Disclosing Party's products, processes, methodologies, systems techniques, programs, data, software, know-how, documentation of the Disclosing Party's products, processes, methodologies, systems techniques, programs, data, software, know-how, documentation of the Disclosing Party's products, processes, business, or marketing plans, developed systems, improvements, developments, techniques, business, or marketing plans, strategies, forecasts, licenses, ideas, concepts, form, format, graphics prices or lists of the

Signature:

Office Address: Research Coordination Centre (RRNI). C/o Charter Foundation. 15, Marigold Premises. Katyani Nagar, Pune - 4) 1004. INDIA
Tel: (020) 27035361. 66208057 1014 Elivery (020) 27035371 Email: rmi@crfindia.com



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Disclosing Party, business and financial affairs, personnel matters, operating procedures, organization responsibilities, marketing matters and any policies or procedures; (c) Proprietary Information as defined hereinafter and (d) the terms and conditions of this Agreement. The Confidential Information will also include any information disclosed by the Disclosing Party to the Receiving Party in relation to the Purpose prior to the acceptance of the confidentiality obligations contained in this Agreement

• Shall exclude information that: (i) can be shown with documents as already known to the Receiving Party at the time that it is disclosed to the Receiving Party; (ii) is in or comes to public domain through no fault, wrongful act or breach of this Agreement on the part of the Receiving Party; (iii) has been independently developed by the Receiving Party without breach of this Agreement or infringement of the proprietary rights of Disclosing Party; (iv) has been rightfully received from a third-party without restriction on disclosure and without breach of this Agreement; (v) has been approved in writing for disclosure by the Disclosing Party; (vii) is required by law or any government agency to be disclosed, provided however, that prior to such disclosure, the Receiving Party shall provide the Disclosing Party with written notice of any such request or requirement in order to enable the Disclosing Party to seek a protective order or other appropriate remedy; (viii) lawfully in the possession of the Receiving Party prior to receipt from the Disclosing Party

"Intellectual Property Rights" means any patent, copyright, trademark, service mark, service name, trade name, internet domain name, brand name, trade dress, label, logo, know-how, technical and non-technical information, trade secret, formulae, technique, sketch drawing, model, invention, design, specifications, processes, apparatus, equipment, database, research, experimental work, development, software programs and applications, software source documents and third-party license

"Project Coordinator" shall have the meaning as set out in section (e).

"Research Project" shall mean the research study in the field of respiratory medicine for which the Parties are hereby collaborating each other.

1. Appointment, Scope and Rights:

- a) The Investigator shall initiate and perform the Research Project and undertake all responsibilities for the same and RRNI shall provide timely Assistance to the Investigator as specified in Annexure A.
- n) Investigator represents that the Investigator has the professional knowledge and experience required for performing Research Project and RRNI also represents that it has the required experience and professional expertise to provide timely Assistance to Investigator on the Research Project.

Attested CTC

Signature:

Office Address: Research Coordination Centre (RRNI), C/o Control of Foundation, 15, Marigold Premises, Kalyani Nagar, Pune - P1014, INDIX Tel: (020) 27035361, 66208 (120) 27035371 Email: rmil@crfindia.com



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- c) RRNI's participation will be limited solely to providing timely Assistance as required, as per the terms and conditions laid down under this MoU.
- d) The Investigator hereby agrees to grant to RRNI access and right to use any data / results / findings / observations / analysis or any other information that is derived from, either directly or indirectly, from the Research Project conducted by the Investigator.
- e) During the course of the Research Project, the Investigator shall communicate with RRNI's Project Coordinator. The Project Coordinator shall be responsible for coordinating with the Investigator with regards to the timely Assistance to be provided and the use of the same. RRNI shall ensure that the Project coordinator shall always be available for the same.
- The Investigator shall comply with all applicable laws during the course of performing the Research Project. RRNI shall not be liable in any way for any breach of the same by the Investigator. The Investigator shall be solely responsible for any negligence in performing the Research Project, breach of applicable laws, violations of third party Intellectual Property Rights, personal injury or death and misuse, loss and medical negligence.
- The Investigator has represented to RRNI that the Research Projects shall be completed within the provided time-frame for every project where participation has been agreed upon by the Investigator. In the event of any actual or anticipated delay, the Investigator shall intimate RRNI of the same in writing 30days before the expiry of the said time-frame and thereafter the Parties shall mutually discuss on the revised timelines or any other measures as they may deem fit.
- h) The Investigator agrees that it shall be his sole responsibility to procure the funding for the Research Project unless there is a provision of funding arranged by principal investigator from external agencies by means of a research grant for the project. RRNI shall not be responsible for providing any financial assistance to the Investigator. Any cost of printing or translation shall be undertaken by RRNI provided the same has been pre-approved in writing by the Project Coordinator.

2. Confidentiality

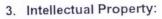
- a) The Parties may from time to time disclose to each other by virtue of this MoU, certain Confidential Information.
- b) The Parties agree not to use Confidential Information for any purpose other than for performing the Research Project as mutually agreed between the Parties and in accordance with the terms and conditions in this MoU. The Parties shall not disclose Confidential Information to any third party, without the prior written consent of the other Party.
- Where any Party needs to disclose Confidential Information or data to any other investigator or person (on a need-to-know basis), the Receiving Party shall ensure that such receiving person first agrees, in whiting, TC to be bound by terms of confidentiality as laid out in this MoU.

Signature:

Office Address: Research Coordination Centre (RRNI), C/o C Tel: (020) 27035361, 6620805 undation, 15, Marigald Premises, Kail ani Nagar, Pune – 41 1024, IN



- No Grant of Rights: Nothing in this MoU nor any disclosure of information by either Party before or after its execution, shall operate to confer any Intellectual Property Rights on the other Party, nor be effective to license or transfer to the other Party any right, title or interest in the RRNI's process or information. Further, the Parties hereby undertakes not to claim any rights in the Confidential Information shared by the Disclosing Party under the terms of this MoU.
- The Parties do hereby agree and confirm that it shall, upon the early termination or expiry of this MoU, immediately deliver to the Disclosing Party all Confidential Information, which are in its possession or control, without retaining any copy thereof. The obligations of confidentiality and non-use shall survive for 5 (five) years after the expiry or earlier termination of this MoU.



Any Intellectual Property Rights arising from or in relation to any Assistance to the Investigator by RRNI under the terms of the MoU, including but not limited to all records, reports, deliverables, shall be jointly owned by the Investigator and RRNI.

4. Indemnity:

- a. Investigator Indemnity:- Investigator shall indemnify and hold RRNI its Affiliates and/or their respective Representatives and assigns harmless against all notices, claims, demands, action, suits or proceedings given, made or initiated against RRNI on account of or arising out of any and all liabilities, damages, injuries, cause of action and expenses including attorney's fees suffered or incurred by RRNI for (a) breach of responsibility of Investigator; (b) loss or damage caused to Investigational Product and Study Materials; (c) willful negligence, misconduct and misrepresentation (d) breach of representation and warranties and confidentiality obligations under this Agreement.
- b. RRNI Indemnity:- RRNI shall indemnify and hold Investigator harmless against all notices, claims, demands, actions, suits or proceedings given, made or initiated against all notices, claims, demands, action, suits or proceedings given, made or initiated against Investigator on account of or arising out of any and all liabilities, damages, injuries, cause of action and expenses including attorney's fees suffered or incurred by Investigator for (a) breach of responsibility of RRNI; (b) loss or damage caused to Investigational Product and Study Materials; (c) willful negligence, misconduct and misrepresentation (d) breach of representation and warranties and confidentiality obligations under this Agreement.

5. Term and Termination:

The term of this MoU shall commence on the Effective Date and remain in force for a period of five (5) a) years after which the MoU shall stand terminated.

The Parties shall, at its discretion, be entitled to terminate this MoU at any time, by serving a prior written notice of thirty (30) days to the other Party. Upon such termination, the Parties shall mutually coopera with each other and immediately return all data and material which it has received during the Research b) Project

Signature:

Foundation, 15, Marigold Premises, Kalyani Nagar, Pune – Office Address: Research Coordination Centre (RRNI). C/o (020) 27035371 Email: mi@crfindia.com Tel: (020) 27035361. 6620



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- c) The Parties shall be permitted to terminate this MoU, effective immediately, should the other Party:
 - breach any of the Confidentiality and/or Intellectual Property Rights obligations contained in this MoU;
 - breach any regulatory and/or statutory requirement with regards to the clinical trial to be performed by them

6. Publication

- a) If at any time the Investigator wishes to report or publish or make available the data, results or any report of the Research Project conducted under or in connection with the Research Project to any third party or publish in any journal, book or magazine, the Investigator shall seek prior written consent of RRNI, which consent shall not be unreasonably withheld. Accordingly, the results of the Research Project may be published in medical journals or presented at a public forum such as conferences after RRNI's written confirmation and after RRNI has been provided a reasonable opportunity to review such publication and satisfying itself that such publication will not compromise IPR and/or confidentiality associated with the Research Project.)
- b) In all publications RRNI's support of the Research Project shall be acknowledged unless the law provides otherwise. The specific details of the publication and the format of acknowledgement of RRNI's support will be mutually agreed between the Parties.
- c) Either Party may use, for its own internal purpose, all information and data generated in course of the Research Project
- d) Every project will have a minimum number of cases for authorship.

7. Force Majeure:

Neither Party hereto shall be liable for any delay or default in such Party's performance hereunder, if such default or delay is caused by events beyond such Party's reasonable control including, but not limited to, acts of God, regulation or law or other action or failure to act of any government or agency thereof, war or insurrection, civil commotion, earthquake, fire, flood or storm ("Causes"); provided however, that the Party seeking relief hereunder shall promptly notify the other Party of such Causes beyond such Party's reasonable control. The operation of this MoU shall be suspended during the period in which the above reasons continue.

8. Notices:

Attested CTC

Any notice given under this MoU shall be in writing and signed by or on behalf of the Party giving the

Signature

Office Address: Research Coordination Centre (RRNI). C/o Chest, escatical foundation, 15, Marigold Premises, Kalyoni Nagar, Pune Tel: (020) 27035361. 66208053



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may be served by delivering it personally or sending it by pre-paid recorded delivery or registered post or fax to the address and for the attention of the relevant Party. Any change in address shall be notified by a Party to the other.

Any such notices be deemed to have been received;

- -if delivered personally at the time of delivery;
- -in the case of registered airmail, pre-paid recorded delivery or registered post-upon receipt;
- -in the case of fax, at the time of transmission.

The addresses and fax number of Parties for the purpose of any written notice is as follows:

If to RRNI:

Address: RRNI Office, C/O - Chest Research Foundation, 15-Marigold Complex, Opp IVY Glen,

Kalyaninagar, Pune - 411014

Attention: Dr. Shrikant Pawar

Fax: 020 - 27035371

If to Investigator:

Name:

Address:

Fax:

9. Governing Law and Jurisdiction:

Attested CTC

Any dispute or claim arising out of or in connection with this MoU, or the breach, termination or invalidity thereof shall be governed exclusively by the laws of India with exclusive jurisdiction of courts of Mumbai,

Signature:

Office Address: Research Coordination Centre (RRNI). C/o massession Foundation, 15, Marigald Premises, Kalyani Nagar, Pune - 41 1014, INDIA Tel: (020) 27035361. 66203 11 P. VIII Ray (020) 27035371 Email: rrni@crfindia.com



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Each Party shall make efforts to settle any dispute arising hereunder in an amicable manner within thirty (30) days; failing which such dispute shall be governed by the exclusive jurisdiction of courts of Mumbai. Notwithstanding the above, each Party shall be entitled to urgent interim and interlocutory relief from a court of competent jurisdiction.

10. Assignment:

Neither this MoU nor any rights or interest herein may be assigned or transferred by the Parties without the express written consent of other Party.

11. Independent Contractor:

No provision of this MoU shall be deemed to constitute a partnership between the Parties and except as stated otherwise in this Memorandum, neither Party shall have any right or authority to bind the other as the other's agent or representative and neither Party shall be deemed to be the agent of the other in any way.

12. Entire MoU:

This MoU and the documents referred to herein constitute the entire agreement and understanding of the Parties and supersede any previous MoU or arrangement between the Parties relating to the subject matter of this MoU.

13. Waiver:

No waiver of any term or provision of this MoU or forbearance to enforce any term or provision by either Party shall constitute a waiver as to any subsequent breach or failure of the same term or provision or a waiver of any other term or provision of this MoU.

14. Modification:

This MoU may only be amended by the Parties mutually in writing.

15. Severability:

Signature:

Attested CTC

In the event that any provision of this MoU becomes or is declared by a court of competent juicition to be illegal, upenforceable or void, this MoU shall continue in full force and effect without the aforesaid.

Office Address: Research Coordination Centre (RRNI), C/o Cher Research Centre (RRNI), C/o



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16. Costs:

Each of the Parties shall pay any costs and expenses incurred by it in connection with this MoU.

17. Counterparts:

This MoU may be executed in counterpart, each of which shall be deemed an original, but both of which together shall constitute one and the same instrument.

Attested CTC

Signature

Office Address: Research Coordination Centre (RRNI), C/o Chest Research (202) 27035361, 66208053 (Ext.)

idion, 15, Marigold Premises, Kalyani Nagar, Pune – 41 1014, INDIA 10,35371 Email: rmi@crfindia.com



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provision; provided that no such severability shall be effective if it materially changes the economic benefit of this MoU to either Party.

Attested CTC

Office Address: Research Coordination Centre (RRNI), C/o Chest Research Foundation, 15, Marigold Premises, Kalyan Tel: (020) 27035361, 66208053 [Fundamental July 1020] 27035371 Email: rmi@crfindia.com



IN WITNESS WHEREOF, the Parties have caused this MoU to be executed by their duly authorized representatives to be effective as of the Effective Date.

Signed by

For and on behalf of Chest Research Foundation through its Respiratory Research Network of India division

Authorized Signatory

Signed by Investigator

DR. ARTI D SHAH

DR. ARTI D. SHA'

Name of Investigator: Reg No. G-18715 (DTCD,D Professor and HOD

f Respiratory Medicine

Stamp with Registration number: S.B.K.S.M.I. & R.C. Sumandeep Vidhyapeeth, Piparia, Waghodia

Authorized Signatory:

Name: Dr. Chardeanari Macu, Registran, Sumandeep Vidyapeeth an Inst. Deemed to be University At & Po Pipan Stamp of Institute: Ta conghadie, bodadere

Registrar

Sumandeep Vidyapeeth Institution Deemed to be University II. Piparia, Taluka: Waghodia. Disc. Vadodara-391 769, (Gujarat)

Attested CTC

Signature

Office Address: Research Coordination Centre (RRNI). C/o Chest R dation, 15, Marigold Premises, Kalyani Tel: (020) 27035361, 66208053 (27035371 Email: rmi@crfindia.com

> Vice-Chancellor Sumandeep Vidyapeeth

An Institution Deemed to be University Vill., Piparia, Taluka: Waghodia. Dist. Vadodara-391 760. (Gujarat)



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Annexure A

Details of Assistance Provided:

	Assisting in protocol designing and document preparation time to time. Identifying and appointing a Project Coordinator.
	Site selection and Investigator meeting arrangements
	Site Initiation and training
	Material procurement and shipping .
	Monitoring and Audits
	Data analysis
0	Study Archival and close out
0	Publication assistance
Responsibility o	f Investigator:
٥	To adhere to the protocol
	Ensure availability of infrastructure and resources to conduct good quality clinical trial.
	Obtaining Ethics Committee approval at their site
	Active participation towards hypothesis generation, protocol writing, fund raising and publications for the stud proposed by the investigator
0	Ensuring timely patient recruitment and data transfer to RRNI.
	Resolving data queries and ensuring data integrity at their site.
	Paper writing for the proposed project after data analysis by RRNI.
	Acknowledging RRNI and other contributing investigators in all publications or information

Attested CTC

Signature:

Office Address: Research Coordination Centre (RRNI), C/o Character in Foundation, 15, Marigold Premises, Ediyani Nagar, Pune - 41/014, MDIA, Tel: (020) 27035361. 662080

disseminations (at meeting/conferences) where data is being presented/referred.