



## Therapeutic Area Presentation



**ICBio Clinical Research Pvt. Ltd.**

**Clinical Research & Consultancy services**

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# Therapeutic Area - Expertise



Therapeutic area expertise helps us to Deliver high-quality data and is essential for conducting cost-efficient and timely trails for novel therapies.

*IC Bio offers broad study experience and direct Knowledge of study requirements , risk management and best practices for all Key therapeutic areas.*

## Key Therapeutic Areas

- **Endocrine/Metabolism** - Diabetes, Obesity, Hyperlipidemia
- **Neurosciences** (neurology and psychiatry) - Anxiety, Depression
- **Rheumatology** - Osteoarthritis,
- **Trichology**, - Alopecia, Hair loss treatment
- **Dermatology** - Sun Screens, Epilation, Psoriasis, Acne,

### Experience in other Therapeutic Areas Include :

Obstetrics, Gynecology Allergy/Immunology, Orthopedics Gastroenterology, Ophthalmology , Pediatrics , Infectious Diseases and Herbals & Neutraceuticals etc.

# Capabilities & Experience

Therapeutic areas	Clinical Trials Handled	No. of patients
Dermatology	2-3 ( Phase II )	200-300
Cardiology/Diabetes	2-3 ( Phase II )	350-400
Medicine ( Herbal)	8- 10	300- 400
Rheumatology	1	40-50
Cosmetic	2 ( Exploratory Phase)	40-45
Gastro	1 (Phase III )	150

*ICBio is currently in talks with many top Pharma/Biotech companies to conduct end-to-end clinical development activities in major therapeutic areas*

# Metabolic/Endocrine - TA



Key features	IC BIO Expertise	Metabolic Services
<ul style="list-style-type: none"><li>• Large trials conducted</li><li>• Difficult patient recruitment</li><li>• Tough trial design</li><li>• Results require statistical significant</li></ul>	<ul style="list-style-type: none"><li>• Data base of 100 + Metabolic investigators</li><li>• Have conducted 3-4 studies in this therapeutic area</li><li>• Significant project management experience - conducted a TYPE 2 DIABETIES MELLITUS trail with 40 patients</li></ul>	<ul style="list-style-type: none"><li>• Indications managed include –acute coronary syndromes, coronary artery disease, PAD/thrombosis, pulmonary hypertension, venous diseases, arrhythmia, diabetes, arterial hypertension, obesity, heart failure</li></ul>

# Neurosciences - TA



Key features	IC BIO Expertise	Neurosciences Services
<ul style="list-style-type: none"><li>• Complexity of disorders</li><li>• Special patient recruitment needs and treatment facilities</li><li>• Difficult patient recruitment</li><li>• Tough trial design</li><li>• Results require statistical significant</li></ul>	<ul style="list-style-type: none"><li>• Network of sites to enroll large number of patients</li><li>• Access to Good resource pool to conduct specialized CNS studies</li><li>• More than 6 project Managers with specific CNS trail experience</li></ul>	<ul style="list-style-type: none"><li>• Covered wide variety of fields like Psychiatry, Neurology, and Anesthesiology, including Alzheimer's disease, cognitive deficits associated with schizophrenia, affective, and other neurodegenerative disorders.</li></ul>

# Rheumatology - TA



Key features	IC BIO Expertise	Rheumatology Services
<ul style="list-style-type: none"><li>• Difficult to enroll patients</li><li>• Prediction of long term benefits difficult to ensure</li><li>• Training in clinical research methods, which encompasses research ethics, is needed for rheumatologist investigators to ensure that participants are protected and that the results obtained from studies will be sound and ultimately applicable to clinical care.</li></ul>	<ul style="list-style-type: none"><li>• Ability to handle multi center studies of large size</li><li>• Management of critical details to ensure Rheumatoid trials success</li><li>• Handled a Osteoarthritis indication trial for a Mid Tier pharma company - handled 40 patients</li><li>• Handled a Osteoporosis indication trial for a Mid Tier pharma company - handled 70-75 patients</li></ul>	<ul style="list-style-type: none"><li>• Covered wide variety of fields like Osteoarthritis, Osteoporosis, Orthopedics, etc.</li></ul>

# Training Approach



- Leverage cross training opportunities at both client and Delivery sites

## Illustrative

No.	Cardiovascular TA Training Topics
1	The Cardiovascular System
2	Anatomy & Physiology
3	The Heart & Vessels
4	The Components of Blood
5	Risk Factors
6	Cardiovascular Diseases
7	Diagnosis & Treatment
8	Clinical Trials & Nomenclature
9	Clinical Trials
10	End points & Nomenclature

## Illustrative

No.	Oncology TA Training Topics
1	Cancer Definition and Classification
2	Cancer Classification & Malignant & Benign Tumors
3	Carcinogenesis & Pathophysiology
4	Growth Factors & Grades, Stages
5	Metastasis process
6	Diagnosis
7	Tumor Markers
8	Treatment
9	Clinical Trials
10	End points & Nomenclature



**Thank you**