

. An IIT Alumni Council initiative .

Kodoy



Healthcare Beyond Hospitals

Enabled through Kodoy

A MegaSpheres-Oriented Civic Health Direction
for the City of Pune

For discussion with civic and healthcare leadership

Context

Pune already has strong healthcare capacity.

Hospitals, medical colleges, specialists, diagnostics, civic programmes and health-aware citizens are already present.

The Opportunity

Add the missing layer around hospitals – the layer that supports people before and after medical intervention.

The Gap

Preparation, recovery and rehabilitation remain fragmented.

Chronic disease support, prevention, lifestyle correction and continuing health progress need a coordinated pathway.

A civic health model for the new era





The IIT Alumni Council is the largest global body of alumni across all twenty-three IITs, aggregating the technological and philanthropic resources of over 50,000 members in 100 city chapters worldwide.

Its mission is to catalyse India's technological renaissance through initiatives funded by the IIT Alumni Social Fund and supported by incubators, project management forums, and research institutes.

MEGASPHERES

quantum-inspired orientation paradigm

*Samani va akutih samana hrdayani vah,
Samanam astu vo mano yatha vah susahasati.*


let your aims be one, your hearts be one,
let your minds be united,
so that you may dwell together in
harmony.

Rig Veda 10.191.3-4

MegaSpheres is an orientation paradigm that guides the Council's mission and initiatives.

It asks what lasting impact our actions carry, what consequences travel with them, and who bears these across time.

It calls for the capability to be exercised with discernment, in proportion to the reach it carries.



In MegaSpheres, progress is not measured by dominance — but by coherence, upliftment and the flourishing of all existence. It's a vision where every step forward resonates with harmony, purpose, and shared growth.

STARLING MURMURATION, NETHERLANDS

Actions taken in the field of health, vitality, functional capacity and wellbeing do not remain confined to health.

Consequently their impact propagates into families, livelihoods, learning, productivity, public systems, social resilience and the city's ability to elevate and sustain Quality of Life at scale.

Kodoy is a catalyst and accelerator for healthcare and Longevity support

A conduit through which diagnostics, health data, AI, longevity science and timely intervention can improve the conditions for active, capable and longer human life.

Kodoy



an engineering approach

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An engineering approach to preventive health and lifespan enhancement through digital twin simulation-assisted interventions.

Kodoy is IITAC's India-based Preventive Healthcare and Active Healthspan/Longevity platform.

Focused on affordable technologies for healthcare.

It uses AI, deep learning, diagnostics, health data and longitudinal analysis to identify patterns for timely intervention.

Relevance to Pune

Kodoy can provide the intelligence backbone for Healthcare, Preventive Self-care and Active healthSpan at city scale.

Diagnostics

Health data

AI-led pattern recognition

Longevity science

Preventive pathways

Personalised intervention options

Citizen tools

Practitioner coordination

Outcome tracking

Population health insights

Two Functions

A coordinated model under Kodoy

1. Hospital-linked integrated care
2. Civic health outreach

Hospital-linked Integrated Care

Adjacent integrated spaces for pre-care, post-care, recovery and continuing health progress.

Allopathic and AYUSH doctors work together.
The hospital remains the clinical anchor.

Civic Health Outreach

Camps, screenings and awareness programmes.

Preventive education, guided self-care and referral pathways for the wider population.

Operational Layer

Pre-surgical preparation
Post-treatment recovery
Rehabilitation
Chronic-condition support
Metabolic health

Sleep and stress regulation
Nutrition and movement
AYUSH-supported therapies
Lifestyle correction
Continuing health progress

Medical Tourism

Pune can build an integrated recovery pathway around advanced treatment.

The opportunity extends to pre-care, post-care, AYUSH-supported recovery, rehabilitation and continuing health progress.



Recommendation

A 90-day feasibility study
for one pilot hospital or campus.

To cover clinical pathways, Kodoy architecture,
AYUSH integration, outreach design, safety protocols,
outcome metrics and implementation roadmap.

Pune can demonstrate a model where hospitals remain the clinical anchor.

Kodoy provides the intelligence backbone.

Integrated Centre supports recovery and continuing progress.

Outreach takes prevention and self-care to the wider population.



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