

解決策(製品)  
 ~ Embrace Infant Warmer by embrace ~



大学院専門的教育科目「概論A/B・演習」・公開講座

バイオデザイン概論 A1/B1  
(前期)

<b>Discover</b>	Needs Finding	Strategic Focus Patient Journey Need Exploration
<b>Define</b> ニーズの特定1-5	Needs Screening	Problem Statement development Market Analysis Stakeholder Analysis Competitive landscape Needs Selection

- 第1回 オリエンテーション
- 第2回 探索/観察と課題の特定
- 第3回 探索/ニーズの記述

- 第4回 選択/疾病の基礎, 既存の治療法
- 第5回 選択/ステークホルダー市場分析
- 第6回 選択/許認可規制制度, 保険償還の基礎

オンライン公開講座 (10月)

<b>Design</b> コンセプトの創出1-6	Concept Generation Concept Alignment	Ideation Co-reaction Intellectual Property landscaping
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- 第7回 選択/ニーズの絞り込み
- 第8回 創造/アイデア出しとブレインストーミング

A2/B2(後期)

バイオデザイン演習 (11月)

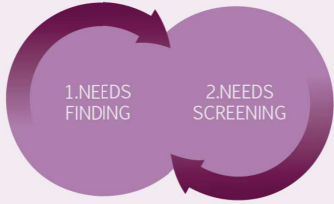
	Concept Screening	Prototyping and Voice of Customer Regulatory pathways
<b>Develop</b> 事業化1-2	Viable product Strategy development Funding	Benchtop & Clinical Trials Quality Management Certification Grants, Angels & VC Funding Build organizations (Startup to Scale)

- 第1回 オリエンテーション
- 第2回 選択/知的財産の基礎
- 第3回 選択/ビジネスモデル
- 第4回 選択/プロトタイプ製作
- 第5回 選択/最終コンセプト選択

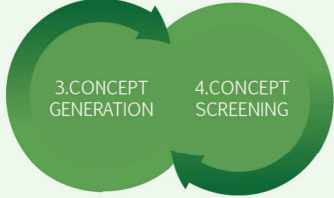
- 第6回 事業化/開発戦略・計画立案
- 第7回 事業化/事業企画立案
- 第8回 まとめ

# Device

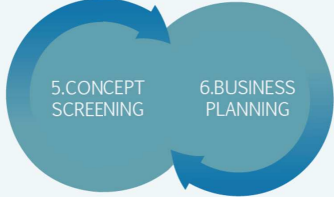
## IDENTIFY



## INVENT

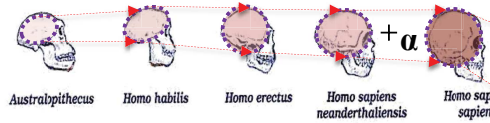
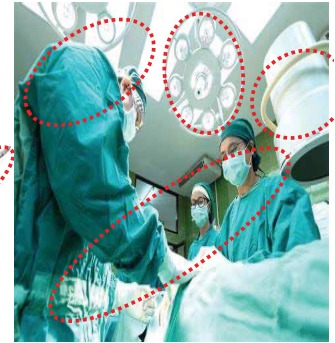
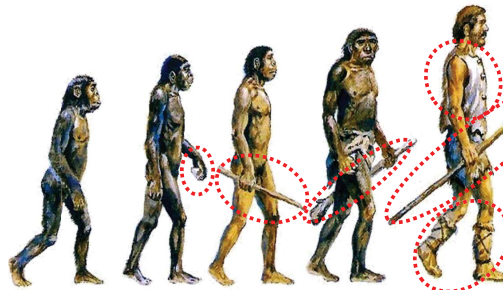


## IMPLEMENT

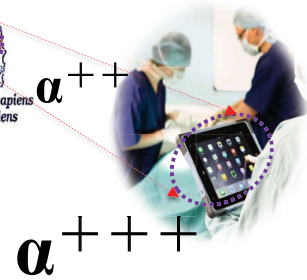


PROJECT LAUNCH

「知っている=知識を持っている」と  
「考える=そして行動する」どちらが大切か



知性の再定義 = 知恵  
≠ 知識

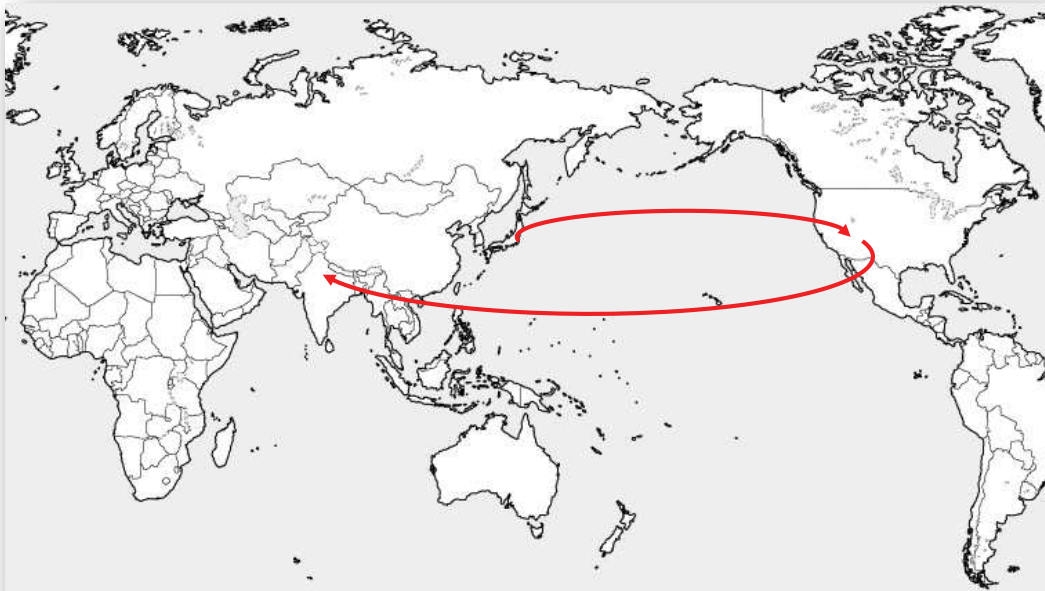


「次へ行く=社会実装」には、今までのやり方だけではマズイ

Ray Kurzweil. "The Singularity Is Near." WIRED, 2016. (NHK出版, 2017)

# Journey

- Japan → California → India ⇔ Japan  
2013 - '16                      2017-





# Karlman Wasserman, MD, PhD



## The King of Hearts

by Tom Fit

Karlman Wasserman fixes broken hearts. No, he's not a love counselor or a philosopher, though his passion for teaching is Socratic. Wasserman is Emeritus Professor of Medicine, Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Center in Torrance, and, through his 39 years of teaching, research and medical practice at the South Bay institution, he has rescued innumerable ailing hearts. Wasserman's life's work addresses the effects of exercise on the human respiratory and pulmonary systems. Research in gas exchange techniques and measurements performed by Dr. Wasserman and his group is used extensively by cardiologists to determine how long a patient will survive without a heart transplant. During his tenure at Harbor-UCLA, Wasserman has produced more than 260 scientific papers, 35 book chapters, presented hundreds of lectures, and edited or co-authored five books. One volume, *Principals of Exercise Testing and Interpretation* is about to enter its fourth edition printing and is recognized internationally as the definitive text on the subject. At this year's American Thoracic Society's (ATS) International Conference, held in San

24 Peninsula People • November 2006

"Medicine has become my hobby as well as being my job."

Diego, Wasserman received the Distinguished Achievement Award. The conference is the world's largest gathering of lung-related specialists, with over 14,000 attendees. The annual honor is bestowed upon someone who has made outstanding contributions to the mission of the ATS: to prevent and fight respiratory disease through research, education, patient care and advocacy. In past years, Wasserman has also been honored with awards presented by, among others, the American Lung Association, the American Heart Association and the American Physiological Society. And, at a time of life when most successful professionals are shopping for hammocks and palm-island time shares, Wasserman is still going strong, taking his educational road show to annual symposiums in Japan, Europe and elsewhere. "As long as other people want to hear about what I know, I'll teach it," says the small-

statured gentleman sitting in his modest Torrance office. Wasserman admits to enjoying what he considers to be a simple life. "I've been in medicine for so long, it's become my hobby, as well as being my job." Doctors and students of medicine are obviously eager to listen to the teachings of this erudite professor/hobbyist, hence his busy travel schedule. Wasserman recently returned from Basel, Switzerland, where he served as lecturer and Honorary President of the International Society for Exercise Intolerance Research and Education (ISEIRE) at the organization's 10th Annual European Practicum on Clinical Exercise Testing. The faculty of the four-day meeting included doctors from Italy, Germany, the United Kingdom, Australia, Switzerland and the United States. This past summer, Wasserman also participated in a similar meeting with physicians and researchers in Japan. "It was our tenth annual visit to Japan. For years, many Japanese traveled here to attend classes, but, eventually, those interested decided it was more economical to transport the faculty to Japan than it was for them to all come to UCLA. "In the years since our first visit, more and