

# ORTHO MEDICO

## Company Outline



**A Global Concierge Connecting  
the World Through Health**

2F, Sumitomo Fudosan Korakuen Bldg.,  
1-4-1, Koishikawa, Bunkyo-ku, Tokyo, 112-0002

[info@orthomedico.jp](mailto:info@orthomedico.jp)  
[www.orthomedico.jp](http://www.orthomedico.jp)



**ORTHO** Greek for "straight, correct, and without distortion"

**MEDICO** A compound word combining "Medical" and "Concierge"

ORTHOMEDICO was founded on a strong desire to contribute to society by serving as a bridge across diverse industries through clinical research. Guided by a sincere and principled mindset, we design study plans that incorporate advanced statistical analysis techniques to ensure accurate, distortion-free "ortho" data.

**Our Principles**

**ORTHOMEDICO will continue to spare no effort in providing high-quality human clinical trials at fair prices, enabling as many companies as possible to demonstrate the efficacy and safety of their products.**

In recent years, there has been a growing trend among companies to provide scientific evidence in relation to the safety and efficacy of their products such as food, dietary supplements, and cosmetics. In 2015, the Japanese government introduced the "Food with Function Claims" system. As a result, consumers are increasingly aware of the safety and efficacy of the food they are consuming. This all makes obtaining evidence relating to the safety and efficacy of food products even more important. At ORTHOMEDICO, many of our research fellows have gained extensive experience through many years of collaborative research with universities. We are hence able to provide total support from establishing protocol, recruiting and managing participants, data analysis, conference presentation, to article publication to our clients. With that in mind, we aspire to be a company that can lead the path in the innovation of functional food development and contribute to the improvement of the quality of life of the general public through the conduct of human clinical trials (clinical trials).

**Company Profile**

Company Name	ORTHOMEDICO Inc.	President / CEO	Kazuo Yamamoto
Establishment	January 2005	Location	2F Sumitomo Fudosan Korakuen Bldg., 1-4-1 Koishikawa, Bunkyo-ku, Tokyo, 112-0002, Japan
Capital Stock	75M yen		
Banking Partner	Mitsubishi UFJ Bank, Kasuga-cho Branch Mizuho Bank, Marunouchi Branch Resona Bank, Kanda Branch Asahi Shinkin Bank, Yushima Branch	E-mail	info@orthomedico.jp
		URL	www.orthomedico.jp
			February 2019: Privacy Mark certification obtained Resistration No.: 10862678

**External Advisors**

Doctor of Medicine	Dr. Sunao Kubota Dr. Tsuyoshi Takara (Chairman, Medical Corporation Seishinkai) Dr. Tatsuya Izumi (Director, Hiroo Dermatology Clinic & Mentors inc.)
Doctor of Dental Medicine	Dr. Koichi Matsuo (Chairman, Medical Corporation Koyukai)
Lawyer	Kei-ichiro Ando (Deputy Representative, Suda Lawyer Office)
Certified Public Accountant	Ken-ichiro Nakamura (Representative, ASC Tax Corporation / ASC Inc.)

ORTHOMEDICO

**Our Services**

**Business Model**

Company · Requests for efficacy and safety trials of food and health foods



- Trial Reports
- Conference Presentations Support
- Journal Publications Support



Monitor



- Submission of applications to Ethics Committees
- Participant Recruitment and Informed Consent Acquisition
- Trial Schedules Management
- Biological sample collection
- Data Tabulation and Statistical Analysis

Clinic



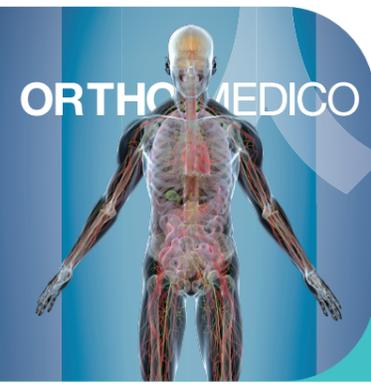
For companies seeking human efficacy and safety trials, we provide comprehensive support that goes beyond protocol development, participant (monitor) selection, schedule coordination, and statistical data analysis. Our services also include presenting study findings at academic conferences and submitting manuscripts to academic journals, enabling the full establishment of scientific evidence for food products.

**Industry-Academia Collaborative Research Support**

ORTHOMEDICO conducts collaborative research with universities and research institutions nationwide, engaging partners across industry, academia, and government. We believe that applying the new insights gained through joint research initiatives with leading specialized institutions to various fields enables us to make meaningful contributions to society.

**Positioning of Business and Various Services within the R&D Process**





# Human Clinical Trial Services

## Powerfully Promote Your Products!



Japan's health food and supplement market is estimated at 1.5 trillion yen—and it continues to grow every year. Since the launch of the Food with Function Claims (FFC) system in April 2015, scientific evidence has become more essential than ever.

Among the various forms of evidence, human clinical trials (clinical trials) are, in principle, required to be conducted by a third-party organization. Food CROs (Contract Research Organizations for Food Development) play a significant role in managing these human clinical trials (clinical trials).

ORTHOMEDICO supports human clinical trials (clinical trials) as a Food CRO, evaluating the effectiveness and safety of your products as a third-party organization. If this is your first time acquiring data, we can support you starting from basic research.

### The Clinical Trial Process

ORTHOMEDICO handles all procedures required for clinical trials reducing the burden on your team.

#### 1 Document Preparation

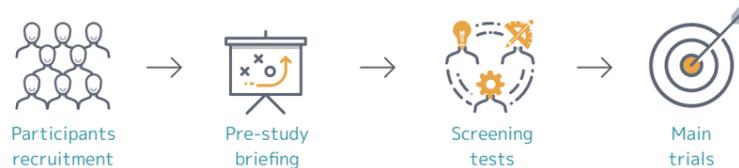
The process for the Ethics Committee  
【Approx. 1 month】



Don't worry about what documents you need to prepare. We prepare the necessary protocol in compliance with various guidelines for your product, as well as the materials needed to obtain informed consent from monitors (participants). We will then submit the application to the Ethics Committee on your behalf.

#### 2 Recruitment & Implementation

Process for conducting trials  
【Approx. 1 month to 6 months】



Once approval is granted by the Ethics Committee, we begin recruiting monitors and start the study. It is often the hardest task to recruit participants, but ORTHOMEDICO has the know-how and experience, as we operate our own monitor registration website. This ensures a smooth study execution.

#### 3 Analysis reports

Process for preparing reports  
【Approx. 1 month to 6 months】



We input, check, and analyze valuable test result data, summarize the study findings and discussion, and write a report. Our all-in-one system, which handles everything up to this stage, significantly accelerates the speed of your company's product development.

### Trial Design Based on Specialized Knowledge

To set the number of cases and define the criterias for study participants, it is necessary to clearly define assumed values related to the efficacy index (e.g., mean difference between groups, standard deviation, significance level, statistical power) in advance to ensure sufficient statistical power. If you have prior research or preliminary study results, providing the following information allows for a more realistic and rational design:

#### Information Required for Design Consideration

- Mean and standard deviation of the difference between groups (or change before/after intervention) for the primary outcome.
- The number of participants analyzed and the number of valid data points (e.g., percentage of missing data) in each group in past studies.
- Representative baseline characteristics of participants, such as age, sex, and BMI.
- Eligibility criteria (also considering the exclusion rate during screening).
- Measurability rate (follow-up completion rate) at the primary outcome evaluation time point.
- Observed effect sizes (e.g., standardized mean difference, odds ratio, risk ratio) and their corresponding confidence intervals.
- Measurement variability (reproducibility of measuring equipment and inter-assay variation).

### Reliable Monitor Recruitment and Compliance Management

#### Goトーロク



We recruit monitors (participants) for human clinical trials (clinical trials) via our monitor registration site, "Go ト ー ロ ク ." To enhance the quality of trials evaluating food safety and functionality, selecting monitors appropriate for each specific trial is crucial.

ORTHOMEDICO holds events for "Go ト ー ロ ク" monitors, including free health checkups, bone density measurement sessions, and blood glucose measurement sessions in collaboration with affiliated medical institutions. We analyze the health check data of "Go ト ー ロ ク " monitors to select the most suitable participants based on the specific requirements of human clinical trials (clinical trials).

Through our extensive track record, we analyze factors leading to dropouts and take maximum measures, minimizing the dropout rate in our conducted trials to approximately 2%.

### Expert Interpretation of Trial Results and Follow-up Support

The data obtained is summarized in a trial report, which includes interpretations based on existing research, prepared by experts in biostatistics and medical doctors, and overseen by a clinical physician who serves as the Principal Investigator.

We can also prepare and submit the reports based on the CONSORT checklist, which summarizes reporting items for randomized controlled trials.

Furthermore, we offer free consultation for any questions regarding the acquired data or additional analysis.

In addition, we provide end-to-end support, including paper preparation/submission and registration of Food with Function Claims based on the results of human clinical trials (clinical trials).





STATISTICAL ANALYSIS

統計解析 .com

Leave your statistical analysis outsourcing needs to us

Voices for the future of healthcare and wellness

We are a team of professionals specializing in statistical analysis services.

Data is not merely a collection of numbers; it is the voice guiding the future of healthcare and wellness. To scientifically and faithfully interpret that voice. That is our mission. Statistical analysis is the "final step in science" that validates a product's value. We understand this responsibility and deliver outputs that combine guideline-compliant quality with clarity.



Regardless of company size or whether you have a dedicated statistics department, we provide the power of statistics when you need it, in the form you need it. That is the statistical analysis service offered by ORTHOMEDICO



Strengths of our services

Simple: Not only are our services straightforward, but we also deliver simple and easy-to-understand deliverables. Speedy: Staff well-versed in statistical analysis provide accurate and prompt service. Flexible: We provide precise communication and flexible proposals from the customer's perspective.

We deliver on quality, speed, and cost.

Do you face any of these challenges?

Companies without a statistical analysis department

- No in-house statistical experts: Our statistical analysis team provides end-to-end support, from study design through analysis. We place strong emphasis on clear explanations and... Uncertainty about how to prepare protocols or statistical analysis plans: We support you from the planning stage, helping to resolve statistical issues before they become obstacles. Difficulty understanding guidelines: We are well versed not only in SPIRIT and CONSORT, but also in guidelines such as ICH E9 and DELTA2—so you can proceed with confidence.

Companies with a statistical analysis department

- Maintaining quality during peak workloads: Our QC system is built on double-check procedures and SOP-based workflows, ensuring high reproducibility. Even during busy periods, our analysis infrastructure helps maintain consistent deliverable quality. Internal resources are insufficient: We flexibly support spot requests and short turnaround projects. We can assist during sudden resource shortages or tempo- Preparing client proposals is complex and time-consuming: Leave the statistical design components of proposal materials to us. We function as a behind-the-scenes partner, supporting your sales and proposal activities.

Our eight services



Sample size calculation (one variable)

We calculate the sample size considering the study design, analytical methods, and other factors.



Statistical analysis plan development

We prepare a statistical analysis plan for human clinical trials.



Protocol-specified analysis (≤ 10 variables)

We will perform the analysis specified in the protocol. If there is no protocol, we will perform analysis using either your designated method or our proposed method. The maximum number of analysis variables is 10.



Protocol-specified analysis (≤ 50 variables)

We will perform the analysis specified in the protocol. If there is no protocol, we will perform analysis using either your designated method or our proposed method. The maximum number of analysis variables is 50.



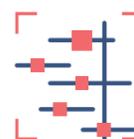
Protocol-specified analysis (≤ 100 variables)

We will perform the analysis specified in the protocol. If there is no protocol, we will perform analysis using either your designated method or our proposed method. The maximum number of analysis variables is 100.



Statistical analysis (90-day contract)

We will perform statistical analysis without setting an upper limit on the number of variables within 90 days of contract signing. We will also hold a reporting session combined with a meeting approximately once every 30 days.



Meta-analysis (one variable)

We will conduct a meta-analysis of the settings specified for each variable. It supports both meta-analysis of pooled data and meta-analysis of individual participant data.



Statistical analysis report preparation

We will create a document summarizing the analysis results and how to interpret them. As a general rule, the specified format shall be followed. Please use our company's form. For the specified format, please contact us separately.



# 論文サポート .com

Leave it to us.  
We will support the writing of your manuscript.

For those who are unsure how to write a paper



At “論文サポート.com,” we provide both information on academic writing and comprehensive support services for manuscript preparation.

If you are ready to publish the culmination of your research, you can trust ORTHOMEDICO to assist you.

Data processing and analysis will be handled by our statistical analysis department.



A variety of tasks are involved from manuscript submission to acceptance.

Handling all of these tasks alone is both demanding and time-consuming. There is also a limit to how much you can revise a manuscript by yourself, and at times you may feel the need to seek an outside perspective.

### Recommended for those who:

#### ✓ Want a partner!

If you need a reliable partner to support manuscript preparation and to help reduce the time and effort required to get your work published, especially when you're busy.

#### ✓ Want expert support!

If you seek high-quality, professionally crafted manuscript support provided by experienced academic writers.

For the finishing touch on your research, leave it to ORTHOMEDICO.

#### Full-service Manuscript Submission Support

We take care of every step required for academic journal submission, including: ① Journal selection; ② Manuscript writing; ③ Submission procedures; ④ Reviewer response support; ⑤ Post-acceptance procedures.

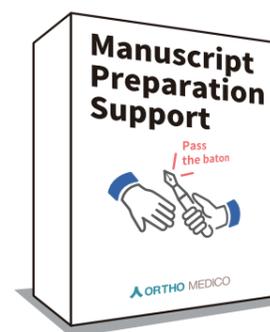
#### Guideline Compliance

Manuscripts are prepared in full accordance with relevant reporting guidelines, including the CONSORT Statement.

#### Support for Food with Function Claims Submissions

We propose manuscript structures tailored to the purpose of your research. We also provide full support for preparing content aligned with evidence papers required for submissions under the Food with Function Claims system.

## We provide full support!



This comprehensive service covers every aspect of academic publication. ORTHOMEDICO's team of experts works to substantially enhance the likelihood of your research being accepted by peer-reviewed journals.

- Paper writing and revision (including data analysis review and draft evaluation)
  - Translation of source files and manuscript drafts
  - Support for literature searches
  - Manuscript revision based on reviewer comments and preparation of response letters
  - Journal selection
  - English editing
  - Plagiarism check
  - Journal submission on your behalf
  - Figure and graphic refinement
  - Resubmission support to the initial target journal (including responses to reviewer comments)
  - Resubmission support to secondary and additional journals\* (including responses to reviewer comments)
- \*You may select up to four target journals in total.



## Service Flow

### 01 Initial Consultation

We will ask you about the following items:

- Purpose of the paper
- Preferred writing language (English or Japanese)
- Basic policy for the manuscript structure

### 02 Submission of the list of target journals

Submission of the list of target journals Based on the information gathered during the initial consultation, the research field of your planned manuscript, and the intended publication content, we will identify suitable target journals and provide them to you as a curated list. \*You may select up to four target journals in total.

### 03 Submission of the Writing Schedule

After the target journal is finalized, we will provide the writing schedule.

### 04 Manuscript Drafting, Review, and Revision

After preparing the initial draft, we will conduct several rounds of review with the client to ensure the manuscript is refined to fully reflect your intentions.

### 05 English Proofreading and Plagiarism Check

We conduct native-level English proofreading and perform plagiarism checks at the same time.

### 06 Content Review by Clinicians

After the English proofreading is completed, clinicians will conduct a professional review of the manuscript content to ensure accuracy and appropriateness.

### 07 Submission After Final Manuscript Review

After the final pre-submission review is completed, we will submit the manuscript on your behalf.

### 08 Post-Review Response

We will respond appropriately to all reviewer comments. If the manuscript is rejected, we will proceed with preparations for submission to the next selected journal. \*Formatting adjustments and other preparations required for resubmission to the next journal are included in the service fee.

### 09 Post-Acceptance Support

After your manuscript is accepted, we will manage all communications with the journal publisher on your behalf. We will share updates regarding formatting requirements, proofreading checks, and any other necessary revisions with you as they arise.

# Regulatory Assistance Services

We ORTHOMEDICO support challenging companies!



## Agent for notification as a Food with Function Claims

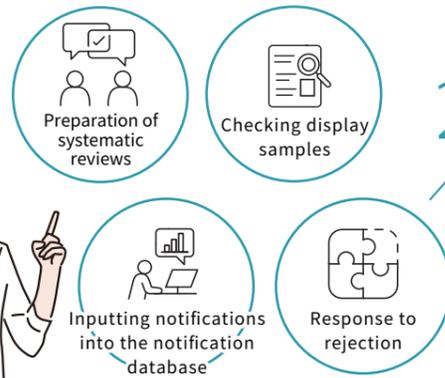
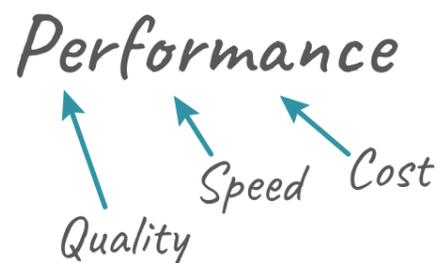
ORTHOMEDICO not only handles the filing of health claims that have already been applied and accepted, but also supports companies that are attempting to apply first health claims in Japan that have no track record of being accepted.



**1 Feature 1: High-quality systematic reviews**  
Our team of experts, including medical literature search specialists, biostatisticians, and clinicians, is capable of preparing systematic reviews, including meta-analyses.

**2 Feature 2: Comprehensive support**  
The "Standard Notification Plan" includes the preparing notification documents and systematic reviews, as well as checking display samples, inputting notifications into the notification database, and handling returns. It also includes free support for change notifications for one year after acceptance.

**3 Feature 3: Reasonable prices**  
This price for the content, we provide overwhelming cost performance support



We can handle a wide range of products, from quasi-drugs to food for special dietary uses

## Support for application for quasi-drugs

In relation to quasi-drug approval applications, we provide support for a series of business permit applications, including quasi-drug manufacturing and sales business licenses, as well as applications for quasi-drug manufacturing and sales approval. This initiative is a service that supports companies considering new business development into quasi-drugs in applying for quasi-drug approval when they convert their own food ingredients into cosmetic ingredients. Specifically, we will assist you in obtaining a quasi-drug manufacturing and sales license, as well as providing consultation and support for the actual manufacturing and sales approval, starting with the application for approval to manufacture and sell Category (4) similar quasi-drugs. We also actively support applications for manufacturing and sales approval for Category (1) quasi-drugs containing new active ingredients. ORTHOMEDICO has a wealth of experience in human clinical trials (clinical trials) as a food CRO, and we will work to provide a package that covers everything from the discovery of new materials for quasi-drugs to application for approval.



- Services provided**
- Support for preparing quasi-drug manufacturing and sales approval applications: Mainly Category (4)
  - Accompanying you to simple consultations (application category consultations)
  - Support for applications for quasi-drug manufacturing and sales business licenses
  - Support for preparing GVP / GQP procedure manuals

※Actual costs such as application fees will be borne by the business operator separately.

## Agent for applications related to food for special dietary uses

We also do applications for food for special dietary uses labeling licenses and preparing and support of food for special dietary uses labeling approval applications. When overseas food businesses such as from India, Taiwan, Vietnam, expand into Japan, especially when you are thinking about food for sick people, in collaboration with ORTHOMEDICO's International Support Services, we support the acquisition of applications for food for special dietary uses labeling in Japan.



- Services provided**
- food for special dietary uses labeling approval applications (for domestic businesses)
  - food for special dietary uses labeling approval applications (for overseas businesses)

※In both cases, we proceed while making repeated inquiries to the Consumer Affairs Agency.



# Participant Recruitment Services

A solution for companies facing challenges in participant recruitment



We solve that "worry" with "Go トーロク"!

## Optimize your clinical trials by leveraging "Go トーロク" a platform designed to efficiently match consumers and companies.

At ORTHOMEDICO, we recruit participants for human clinical trials (clinical trials) through our participant registration site "Go トーロク". To enhance the quality of trials evaluating the safety and functionality of food products, selecting participants suited to each trial is crucial. At ORTHOMEDICO, we hold events for "Go トーロク" registrants, including free health checkups, bone density measurement sessions, and blood glucose measurement sessions. We analyze health screening data from "Go トーロク" registrants to identify suitable participants for human clinical trials (clinical trials) based on the trial's specific requirements.

The product is ready, but...



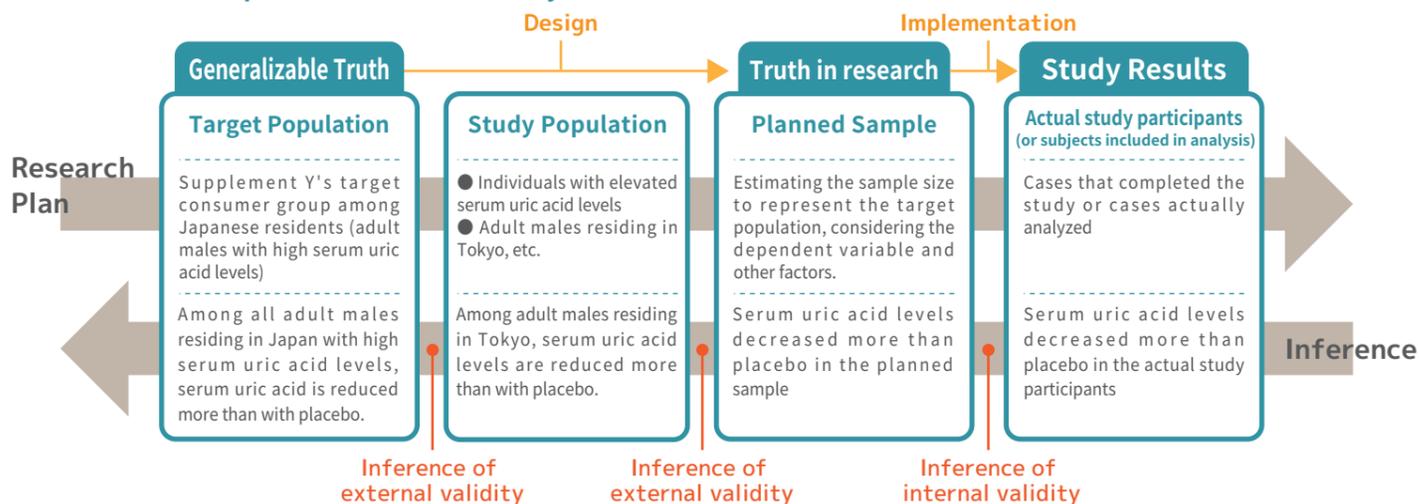
### Do you have any of these concerns when recruiting participants?

- Want to conduct a clinical trial but don't know how to recruit participants
- Not enough participants for an ongoing trial
- Few participants meet specific participation criteria
- Want to recruit participants as planned
- Suddenly need to add more participants

## Why expertise is required for participant recruitment

The extent to which findings from human clinical trials (clinical trials) reflect the true characteristics of the target population depends on the method of selecting participants.

- Acquiring participants with minimal bias and high representativeness of the target population
- Ensuring a sufficient number of participants to keep the degree of random error within acceptable limits for the study



## New Platform

# Go トーロク 治験

Go トーロク has been recruiting participants for clinical trials of food and cosmetics. However, since most food clinical trials target healthy individuals, participation by those with medical conditions was extremely difficult. Even if registered, there were no suitable clinical trials available for them. Therefore, to meet the needs of many members, we have launched "Go トーロク 治験," which supports recruitment for pharmaceutical and other investigational product clinical trials involving patients.



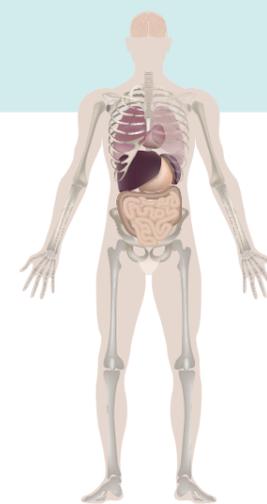
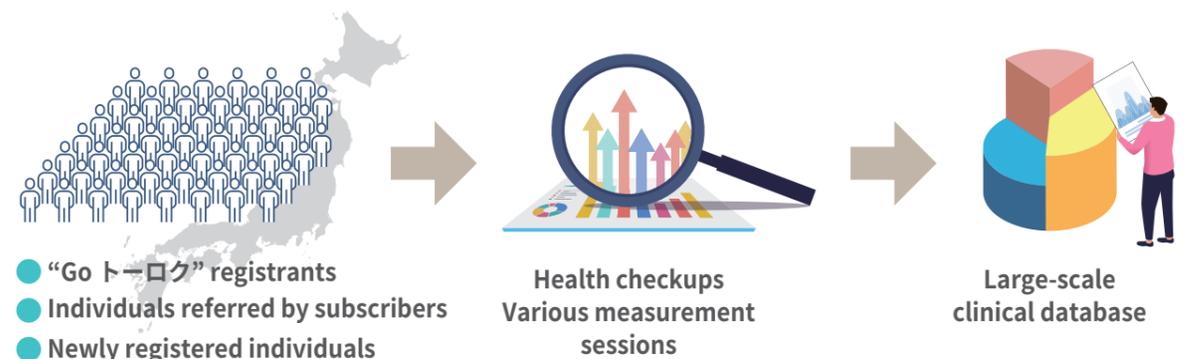
## Large-Scale Clinical Database of Registered Participants

# Go トーロク Registry Study

Through regularly held free health checkups and various measurement events, we accumulate clinical data from Go トーロク registrants (potential consumers).



## Over 50,000 Go トーロク registrants



## Here are some of the people who have registered:

- Class 1 obesity (BMI: 25 kg/m<sup>2</sup> or higher but less than 30 kg/m<sup>2</sup>)
- Bowel movements occurring 3 to 5 times per week
- Elevated blood pressure (systolic blood pressure 130 mmHg or higher but 139 mmHg or lower)
- Skin trans-epidermal water loss (TEWL) of 25 g/m<sup>2</sup>/h or more but 30 g/m<sup>2</sup>/h or lower
- Suspected mild cognitive impairment (MCI)
- Blood triglycerides of 120 mg/dL or more but less than 200 mg/dL, etc.

A large number of participants belonging to the borderline or mild-symptom categories have been registered, enabling use across a wide range of clinical trials.

We can provide services starting at **¥50,000** per participant (excluding tax)

# Market Research Services

A solution for companies seeking to strengthen their marketing capabilities

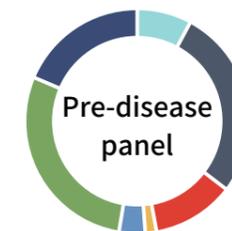
## We support companies with high-quality marketing research using consumer health and medical data.

Since its founding, ORTHOMEDICO has provided free health checkups as part of its social contribution efforts, accumulating clinical data including blood markers, physical measurements, and lifestyle habits such as alcohol consumption and smoking.

This enables us to categorize participants into “healthy panel,” “pre-disease panel,” and “disease panel,” allowing us to provide marketing research targeting panel groups that have not previously been available.



Data for each panel



- Liver function-related indicators
- Cholesterol-related indicators
- Triglyceride-related indicators
- Diabetes-related indicators
- Uric acid-related indicators
- Obesity-related indicators
- Blood pressure-related indicators

- Liver function-related indicators
- Cholesterol-related indicators
- Triglyceride-related indicators
- Diabetes-related indicators
- Uric acid-related indicators
- Obesity-related indicators
- Blood pressure-related indicators

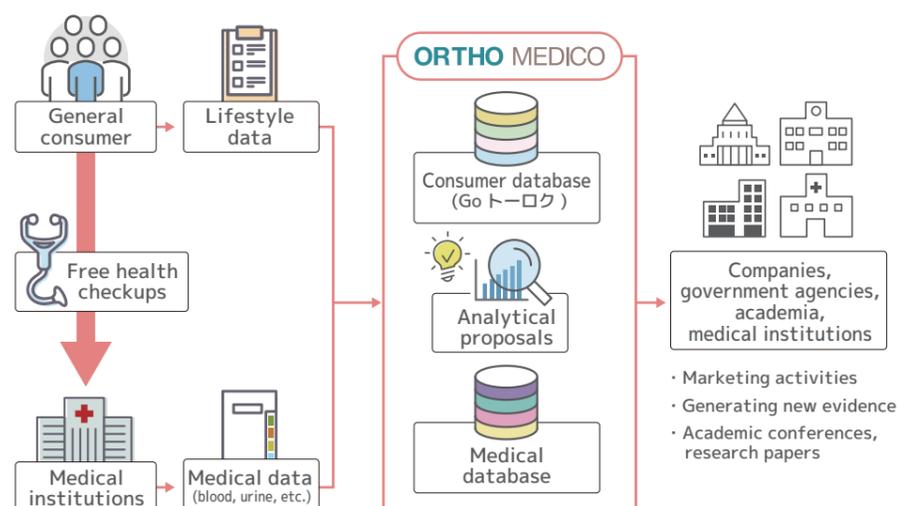
- Liver function-related indicators
- Cholesterol-related indicators
- Triglyceride-related indicators
- Diabetes-related indicators
- Uric acid-related indicators
- Obesity-related indicators
- Blood pressure-related indicators

	Liver function related indicators	Cholesterol related indicators	Triglyceride related indicators	Diabetes related indicators	Uric acid related indicators	Obesity related indicators	Blood pressure related indicators
Percentage of individuals within the healthy range	15.5%	9.8%	14.2%	17.4%	16.7%	9.6%	16.8%
Percentage of individuals within the pre-disease range	7.7%	27.9%	11.7%	1.6%	3.8%	28.5%	18.8%
Percentage of individuals within the diseased range	13.7%	34.6%	19.3%	4.0%	7.0%	15.6%	5.7%

## The Business Model of お客様の声.com

### From Start to Finish

For companies offering various healthcare-related products, including health foods, ORTHOMEDICO provides optimized research services by combining consumer health and medical data with lifestyle data.

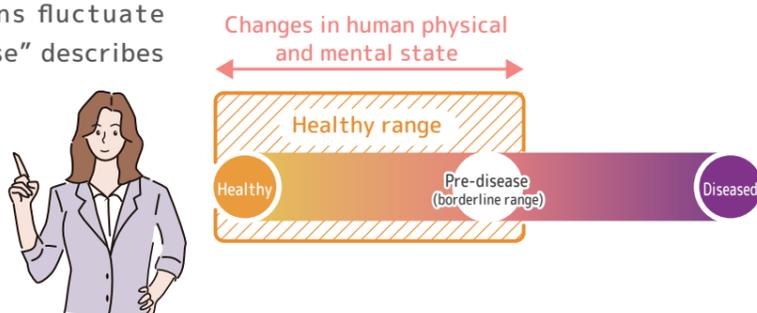


## Features of panels selectable on お客様の声.com

### What is pre-disease?

Human physical and mental conditions fluctuate between health and illness. “Pre-disease” describes this condition—a condition with mild symptoms that has not yet progressed to full-blown illness.

Therefore, it is believed that taking various measures during this pre-disease state may help prevent illness.



## What we can do at お客様の声.com

We provide comprehensive support from modeling, planning, and design tailored to your marketing challenges through to data analysis.



### Products we can handle

We can also accommodate products not listed here

<p><b>Food Beverages</b> New product usage evaluation Brand awareness survey</p>	<p><b>Cosmetics Beauty devices</b> Usage evaluations by gender and age group Survey on usage patterns by occupation</p>
<p><b>Exercise equipment</b> Usage evaluation by gender and age group Survey on usage patterns by occupation</p>	<p><b>Clothing</b> New product fitting evaluation Brand impression evaluation</p>
<p><b>Home appliances</b> User evaluation by target audience Idea survey for new product development</p>	



# Research Group Management Services

Will you share your outstanding research and contribute to the world?



Research Group Management Services

## A research platform pioneering the future through co-creation

ORTHOMEDICO Inc. operates "Research Group Management Services" where researchers and companies can present their findings and share knowledge.

The connections formed here serve as catalysts for new research and initiatives.



## A platform connecting researchers and companies

Research groups serve as forums for exchange that transcends specialized fields and organizational boundaries. When different perspectives meet, new ideas and collaborative relationships emerge, leading to the expansion of research activities.



Companies



PR for materials and technology  
Increase market recognition and demand  
Opportunities for collaborative research and business creation

Product development and creation of business through cutting-edge research and innovative technology



Clinician Academia



Understanding industry trends and needs  
Application and social implementation of research findings  
Opportunities to get research funding

Advancement of research through collaboration with industry



# BEST LIFE AWARD



Accelerate research and development!



Contribute to projects that promote health!



Funding for human evidence research!



## Research Grant "Best Life Award"

A portion of the revenue generated by our business is returned as "Best Life Award" research grant. We provide financial support to enable researchers and companies to take on their next challenges.



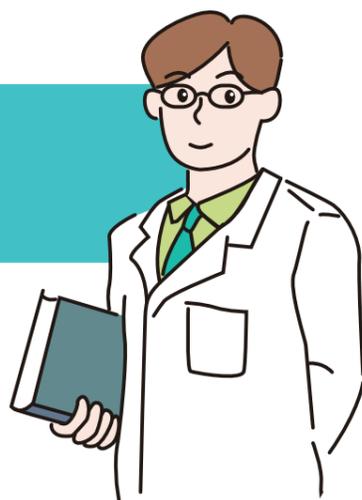
## Our vision

Connecting research value to society. Through research group management and grants, we ORTHOMEDICO support a future where researchers and companies grow together.

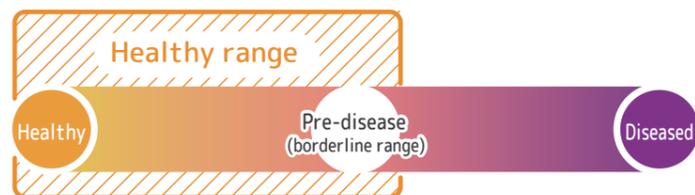


# Outcome Development Services

Aiming to maintain and improve human health



We also develop clinical trial evaluation tools for healthy individuals and support omics analysis, which has gained attention as an alternative approach to animal testing.



Utilizing the vast amount of clinical data on healthy individuals accumulated since the company was founded.



We bring together ORTHOMEDICO's knowledge to create value.



Establishing the originality of ORTHOMEDICO

- Development of health-indicating markers
- Development of biomarkers
- Patent applications, etc.

## What is CAND?



**CAND**<sup>®</sup>  
Calorie And Nutrition Diary

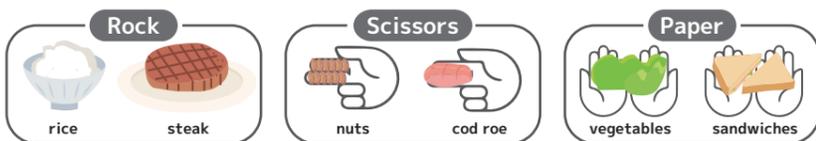
CAND is a nutritional survey using a simple dietary questionnaire that can be answered intuitively even by people who are not familiar with cooking

Based on ORTHOMEDICO's experience in human clinical trials (clinical trials) as a food CRO, we developed this product to reduce the burden on monitors and on-site staff participating in the trials. The validity and reliability of the CAND questionnaire have been confirmed through comparison with photographic dietary assessment methods, and the findings have been published in peer-reviewed journals.

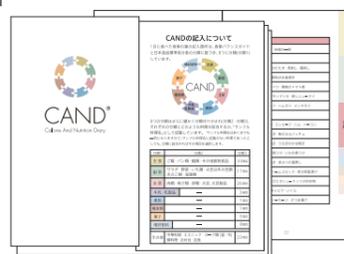
※Naoko Suzuki et al, New dietary survey form development of a 「Nutritional daily record survey form (Calorie and Nutrition Diary: CAND)」 New Food Industry 2019;61(10):721-732.

※Asami Baba et al, Nutritional survey using a simple dietary questionnaire 「Nutritional daily record survey form (Calorie and Nutrition Diary: CAND)」 : Comparison with brief-type self-administered diet history Questionnaire : BDHQ) New Food Industry 2025;67(4):199-215.

The unit of intake at CAND is "servings," and the amount is measured intuitively using a Rock-Paper-Scissors-based method.



- ▶ "Rock" is an image of the size of a clenched fist.
- ▶ "Scissors" are an image of the amount of food placed on the index and middle fingers.
- ▶ "Paper" represents the amount of food that fits on the palm of your open hand.



ニュートリゲノミクス  
サービス

Are you struggling to develop new products and food ingredients?

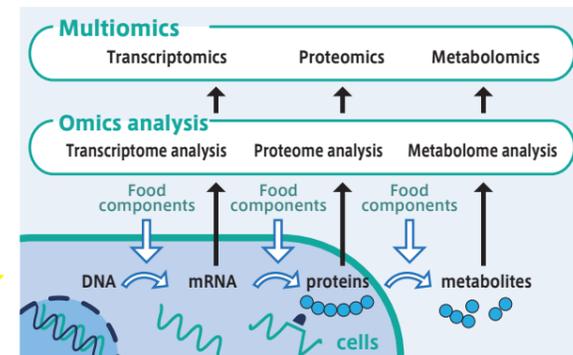
We offer a new form of product development that provides comprehensive support for functional research into food ingredients, from basic to clinical applications!

## Nutrigenomics = Nutrition + Genomics

"Nutrigenomics" is a coined word combining the English words "nutrition" and "genomics," and is a research field that comprehensively analyzes changes in mRNA, proteins, and metabolites following food component intake using advanced technologies.

At ORTHOMEDICO, we offer "ニュートリゲノミクスサービス," where experts analyze and interpret the changes that occur when a food ingredient of interest to a company is added to specific cells, and evaluate the functional properties of the food ingredient.

The analysis method varies depending on which part of the process is researched, from nutrient uptake by cells through to the manifestation of biological changes. ORTHOMEDICO performs omics analyses such as **transcriptome analysis, proteome analysis, and metabolome analysis**, and is capable of handling multi-omics research.



- In an effort to help develop new foods and ingredients, including functional foods, we utilize and apply cutting-edge technology and the latest research methods to address various challenges in research and development!
- If you provide us with food ingredients that interest you, ORTHOMEDICO will work in collaboration with Professor Taichi Hara to carry out everything from pre-processing of the ingredients and condition studies to analyzing and interpreting the results, and will return the omics analysis data and analysis report.
- ORTHOMEDICO supports companies' basic research with the cooperation of Professor Taichi Hara of the Food and Life Science Laboratory, Faculty of Human Sciences, Waseda University!
- If variations are confirmed through omics analysis, we can also help evaluate and verify functionality in more detail through optional cell testing.

### Situations where analytical data can be used

- Advertising
- Human clinical trials (clinical trials)
- Functional food labeling notification
- Patent application

### Expected effects of the analysis results

- Shortening the non-clinical research phase and accelerating the development of new ingredients
- Clarifying the detailed mechanisms of functional materials

### Service scheme



Food ingredients your company is focusing on Food ingredients your company has left untapped  
Let us help you nurture the seeds of your products into blooming new creations!!



# International R&D Support Service

Connect with the world !



In ORTHOMEDICO, we provide supportive services to help Japanese enterprises explore overseas markets in the area of food and nutrition, as well as solution services for overseas enterprises to acquire scientific evidence in Japan and use it for functional food notification.



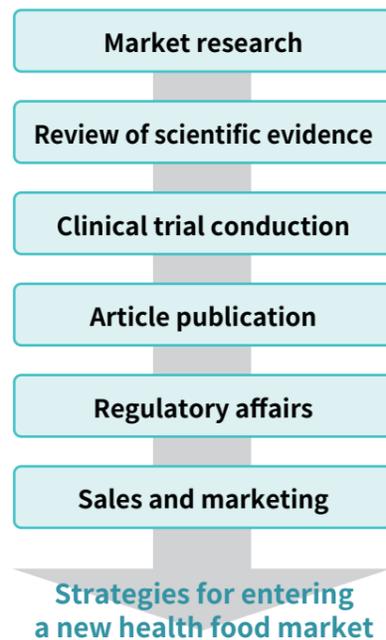
### Support to overseas business

- 1.Acquisition of scientific evidence of Asian population
- 2.Agent for notification as food with functional claims
- 3.Organization of study groups and seminars to promote clients' products / idea.
- 4.Expansions of business to the Japanese market



## Going beyond clinical trials.

- By leveraging our extensive global transaction experience, connections with overseas food CROs, and multilingual capabilities, we provide total support for international joint research and development projects.
- Currently, we have been expanding our connection with the world. As a food CRO, we have conducted a wide range of clinical trials for clients from all over the world and planned and organized many collaborative projects with overseas companies, including academic article publications and international symposiums.
- We also support the expansion of business using clinical evidence obtained in Japan. From inquiries about overseas regulations and the latest trends in the industry to gather experts to help our clients devise strategies to develop methods for global business expansion of their products, we are just a message away!



All with the aim to obtain credible data and maximize our clients' investment!



# Event Schedule for 2026

We plan to exhibit at various events in 2026. We look forward to seeing you all.

<b>Health &amp; Wellness Japan</b> February 25 (Wed) ~ 27 (Fri) Tokyo Big Sight East Exhibition Hall4・5・6	<b>The 1st International Symposium</b> -Food Claims Knowledge Network- March 19 (Thu) The Bunkyo Civic Center Small Hall	<b>Health Food Expo, Ingredients and Contract Manufacture 2026</b> April 16 (Thu) ~ 17 (Fri) Tokyo International Forum Hall E (1)(Glass Building, B2)	<b>ifia JAPAN 2026</b> May 27 (Wed) ~ 29 (Fri) Tokyo Big Sight West Exhibition Hall
<b>The 2nd Health Claim Society</b> June 16 (Tue) The Bunkyo Civic Center Small Hall	<b>Health ingredients Japan 2026</b> October 14 (Wed) ~ 16 (Fri) Tokyo Big Sight West Exhibition Hall 1/2 & Atrium	<b>The 2nd International Symposium</b> Scheduled to be held The Bunkyo Civic Center Small Hall	<b>The 3rd International Symposium</b> Scheduled to be held The Bunkyo Civic Center Small Hall

## ORTHO MEDICO's Contents

We ORTHOMEDICO prepare and share contents that benefit your business. These could also provide insights for development. Please take a look!

### Clear to understand!

Webinars by ORTHOMEDICO: convenient even for those in distant locations

Ortho Live



### Clear to understand!

ORTHOMEDICO's original media that is easy to understand with videos



ORTHO MEDIA

ORTHO MEDICO



Facebook



X



Instagram



Threads



CAND Instagram

Goトーク



Facebook



X



Instagram

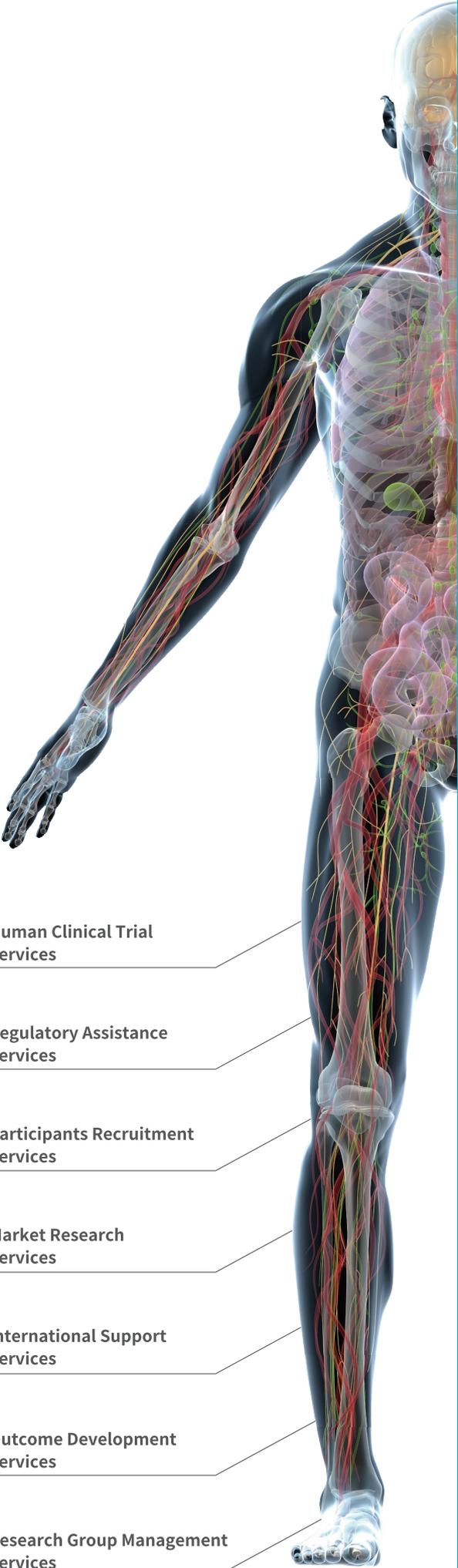


LINE



TikTok

# ORTHO MEDICO



- 1 Human Clinical Trial Services
- 2 Regulatory Assistance Services
- 3 Participants Recruitment Services
- 4 Market Research Services
- 5 International Support Services
- 6 Outcome Development Services
- 7 Research Group Management Services

