

# Toward Clinical Trials which Patients and Citizens Know: Innovations to Resolve Information Asymmetries

#1004

Takumi Furuichi<sup>1</sup>, Takao Kurusu<sup>2</sup>, Nobutaka Yagi<sup>1</sup>, Kenma Nozaki<sup>1</sup>, Shuji Wakai<sup>3</sup>

<sup>1</sup>Nippon Boehringer Ingelheim Co., Ltd., Tokyo, Japan; <sup>2</sup>INTAGE Healthcare Inc., Tokyo, Japan; <sup>3</sup>Formerly Japan Medical Association Center for Clinical Trials (JMACCT), Tokyo, Japan

## Survey Background and Objectives

### Background

According to a recent survey on the usability of the Japan Primary Registry Network (JPRN), conducted by JMACCT, searchability and accessibility of the JPRN were not on a par with other clinical search sites and matching sites.

### Objectives

To gather patient feedback through customer experience tests on the JPRN platform in order to identify areas for improvement including searchability and accessibility, and to gain new insights.

## Overview of Survey

Survey method: Online semi-structured interview (60 min/each)

### Target Population:

- Those who consent to recording of survey interviews and use of the recorded data
- Males or females aged 18 years or older to whom the following two conditions apply
  - Patients who **have never participated** in a clinical trial
  - Patients who **have participated** in a clinical trial

Number of participants (N=12): 5 males and 7 females

2 participants in 30s, 2 participants in 40s, 6 participants in 50s, and 2 participants in 60s

Clinical trial experience: No	Clinical trial experience: Yes	
	Oncology patients *Any type of cancer	Non-oncology patients *Any disease
4s	4s	4s

## JPRN Search Portal



このポータルサイトは、患者さんや一般の方々および医療関係者・研究者への情報提供のために、日本で行われている臨床研究（試験）の情報を検索できるサイトです。そのほか、病気の解説や治療薬、海外の治療薬や試験情報もご提供しています。このポータルサイトは、国立保健医療科学院が運営しています。

臨床研究情報ポータルサイトよりお知らせ

- 2023年3月2日 【お知らせ】 試験・臨床研究のデータベース統合に伴うデータ移行の実施について (https://jrct.niph.go.jp/pages/manual/about\_fix\_migration/)。
- 2023年2月16日 【お知らせ】 試験・臨床研究のデータベース統合に伴うデータ移行の遅延に関するお知らせはこちら (https://jrct.niph.go.jp/pages/manual/about\_postponement/)。
- 2022年12月27日 【お知らせ】 日本医師会 臨床試験登録システム (JMACCT-CTR) と日本医薬情報センター 臨床試験情報 (JapicCTI) の登録情報の臨床研究等提出・公開システム (JRCT) への移行日について、全体のスケジュールはこちら (https://jrct.niph.go.jp/pages/manual/about\_migration/)となりますので、お知らせいたします。

疑問を解決！  
臨床研究ってなに？

検索方法について

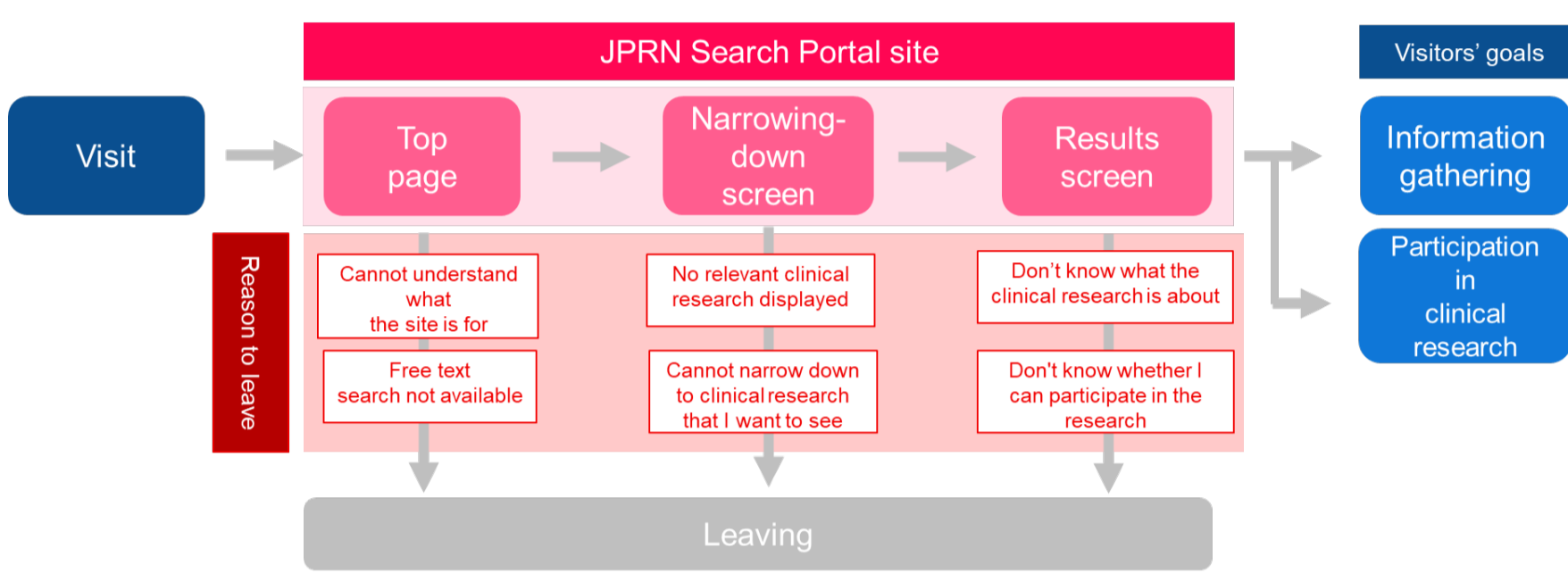
臨床研究(試験)に関連するリンク集

<https://rctportal.niph.go.jp/>



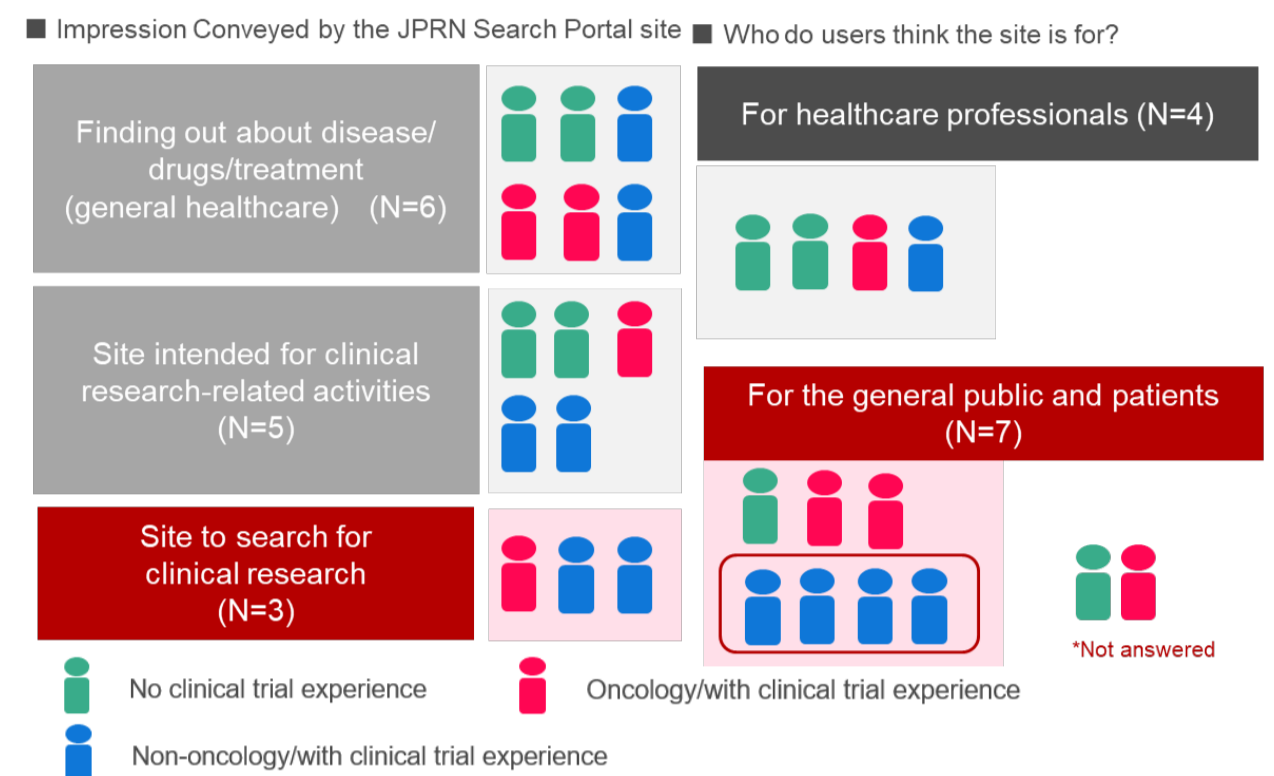
## Current Status of Various Screens on the JPRN Search Portal Site

Several factors affecting each screen that make users leave the site.



## Impression Conveyed by the JPRN Search Portal Site

The target audience and purpose of the site are unclear.



## Free Text Search

It is not possible to look for the information the user wants or needs because searchability differs significantly from that of general web search engines.

## Search Results and Refine Search Screen

It is difficult to narrow down a search without a detailed understanding of the terminology and systems associated with clinical research.

## Issues with Refine Search Results

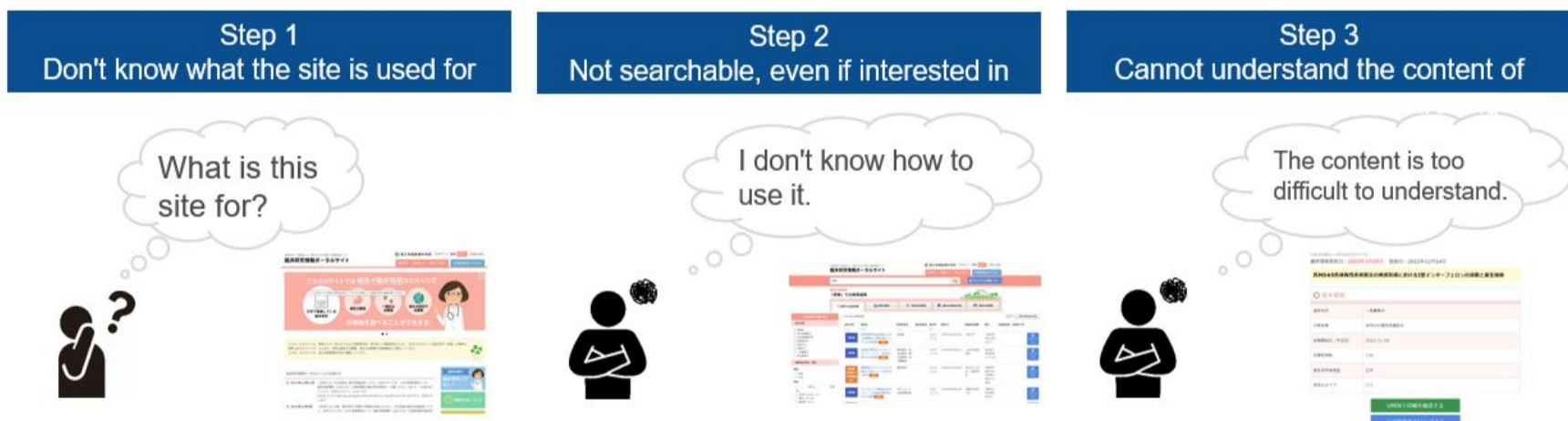
It is not possible to determine whether users can participate based on the list.

## Issues with Clinical Research Information Screen

The item titles and content of the clinical research information were too technical for the users to understand.

## Issues and Summary of JPRN Search Portal Site

Not all users, including patients and the general public, will be able to obtain the information they want on this site.



## Recommendations

### 1: Communicate the Purpose of Use of the Site

Using wording that most users can comprehend, make it clear whether the site serves their purpose.

### 2: Implement User-friendly Search Functions

Implement intuitive search functions that are helpful and convenient for site users.

### 3: Ensure the Content Provides What the Study is About

Ensure that the content allows users browsing this page to understand what the study is about.

## Disclaimer

The views and opinions expressed in this poster is those of the individual presenter and should not be attributed to DIA, its directors, officers, employees, volunteers, members, chapters, councils, Communities or affiliates, or any organization with which the presenter is employed or affiliated. This poster is the intellectual property of the individual presenter and are protected under the copyright laws of the United States of America and other countries. Used by permission. All rights reserved.