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An Easy Path to Clinical Trial Discovery

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CONTEXT

The screenshot shows the top navigation bar of the NIH website, including the U.S. Department of Health & Human Services logo, the NIH logo with the tagline 'Turning Discovery Into Health', a search bar, and links for 'NIH Employee Intranet', 'Staff Directory', and 'En Español'. Below this is a horizontal menu with categories: 'Health Information', 'Grants & Funding', 'News & Events', 'Research & Training', 'Institutes at NIH', and 'About NIH'. A 'COVID-19' banner is visible with links to 'COVID.gov', 'NIH Research information | Español', and 'NIH staff guidance (NIH Only)'. The main heading of the page is 'NIH CLINICAL RESEARCH TRIALS AND YOU', followed by the sub-heading 'NIH Clinical Research Trials and You' and the main title 'The Need for Awareness of Clinical Research'.

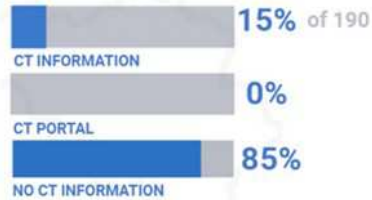
85% of patients were either unaware or unsure that participation in a clinical trial was an option at the time of diagnosis.

Information: often in complex terminology and only in English.

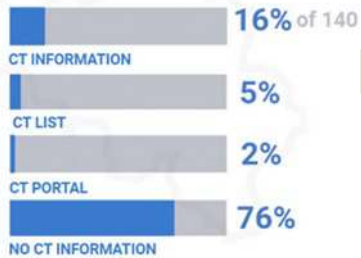
AIM To perform a **feasibility study** to develop a **clinical trial portal** to allow users to **search for** **trials in a local and lay language**, while **offering** **the portal to patient organisations** and **hospitals** to receive updates on newly initiated trials.

RESULTS

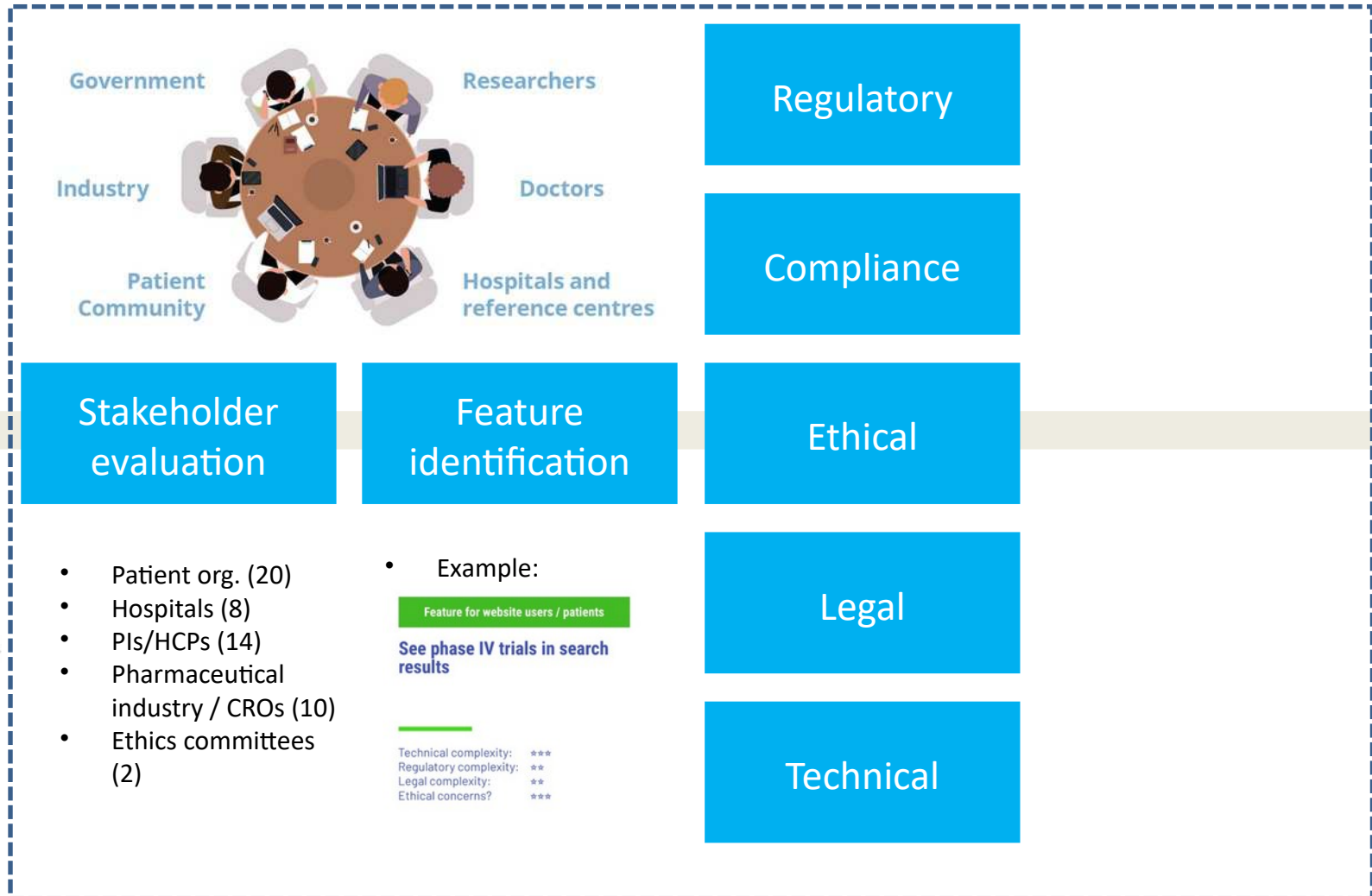
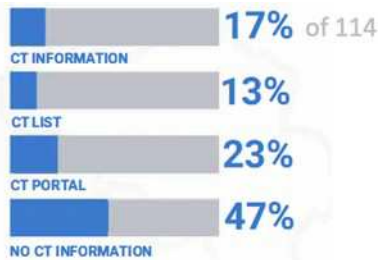

Patient Organisations



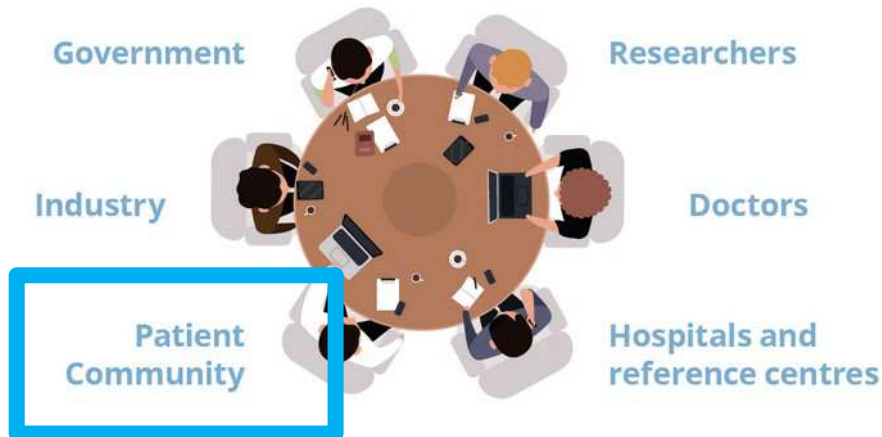

Hospitals




Pharmaceutical companies



RESULTS



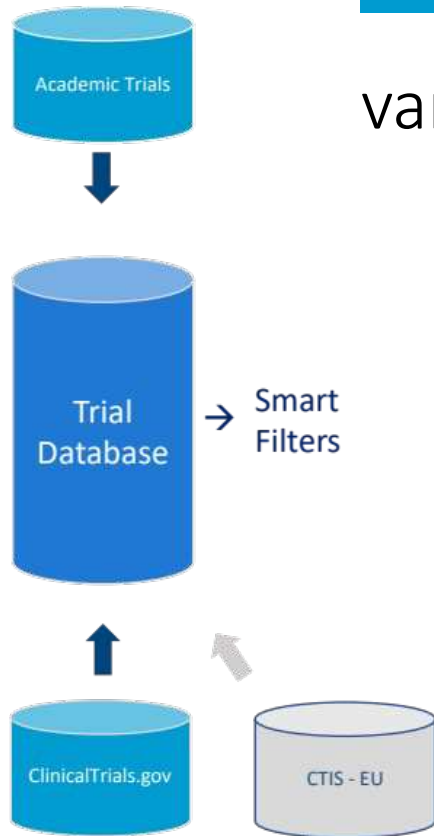
- Inform patients in an **easy and understandable** way.
- **Co-design** with patients.
- Provide a **dashboard per disease area** to be aware about ongoing trials for PAGs.
- The information provided should be **'complete'**.
- It is important to **show all studies**, not only pharma sponsored trials.
- Provide information in **local language**.
- Know **what information can be provided** to patients (PAG education).
- **Link to existing platforms** if possible.
- **Ethics review of information**.

RESULTS



- Some hospitals have their own trial repository, but keeping it up to date is requiring a lot of time.
- A search tool for internal use would be interesting, but also open it up to their patients to show hospital specific trials.
- Sometimes patients are not prepared for visits, leading to inefficient use of resources.
- Recruitment lies often in the hand of the PI, more can be done to create higher awareness among specialists about ongoing trials.
- Having a simple pre-screening tool would help to assure patients are not contacting staff with too many questions if they are not eligible.
- Help-desk is essential to support patients.

Based on the feasibility study, a **clear need was identified to further develop the clinical trial portal in co-creation** with the various stakeholders.



- Portal for **Hospitals**
- Portal for **Patient Organizations**
- Portal for **Industry**



An easier path to Clinical Trial Discovery

76423 trials are currently being conducted around the world

Find a trial

Browse trials

HOME QUIZ

What is a Clinical Trial



What is a Clinical Trial



How can I participate in a clinical trial



Understanding the benefits and risks

Phases in a clinical trial



Pre clinical



Phase I



Phase II

Steps in a clinical trial



Pre-screening



Informed consent



Screening

An easier path to Clinical Trial Discovery

267630 trials are currently listed in the database

Find a trial

Let's find a trial suited to your needs.

STEP 1 STEP 2

First things first.

What clinical trials are you looking for?

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Elementum, quis convallis odio quisque. Non augue fringilla ipsum tellus non auctor.



Or type some keywords



Belgium

10 matches found

Next step

My profile

Personal name

Belgium

Male

Birth year

Search results

antwerp Search

- Show only trials that are currently recruiting
- Show only trials that I may be eligible for

20 trials found - showing trials 1 to 19

- Recruiting [blurred text] Belgium 08 Apr 2022 - 01 Mar 2026
- Recruiting [blurred text] Belgium 09 May 2020 - 31 Dec 2023
- Recruiting [blurred text] United States + 1 others 12 Mar 2018 - 01 Sep 2023
- Recruiting [blurred text] United States + 4 others 31 Mar 2022 - 01 Jun 2025

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Candidate requirements

Age 18-65

From 19 years

How do I apply for this clinical trial?

If you would be interested in participating in this trial, contact your physician to see if you would be a good candidate.

Download PDF

Need more information?

Participating locations

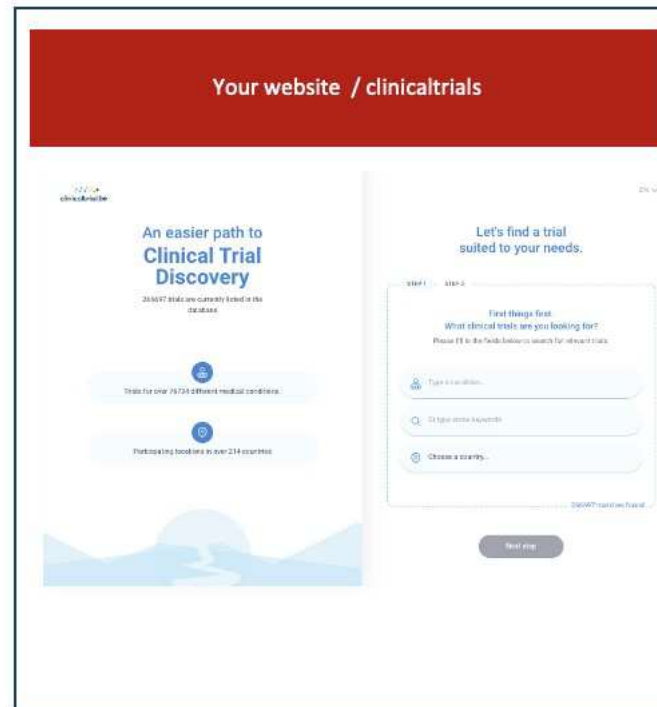
Search

United States

thinkpink

A Patient Organization Portal

- Overview of ongoing trials relevant for your organisations
- Filter per phase or disease area
- View contact persons
- View investigators



Example of integration in a website

The screenshot shows a web browser at the URL alkpositivebelgium.be/clinical-trials/. The page features the ALK POSITIVE Belgium logo and a navigation menu with links for HOME, ABOUT ALK+, NEWS, RELEVANT INFORMATION, CLINICAL TRIALS, CONTACT, and ENGLISH. The main heading is "Clinical Trials".

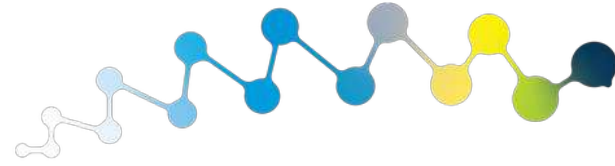
The central content area is titled "An easier path to Clinical Trial Discovery" and states that 270364 trials are currently listed in the database. It highlights two key features: "Trials for over 77464 different medical conditions" and "Participating locations in over 214 countries".

On the right side, there is a search interface titled "Let's find a trial suited to your needs." It includes a progress indicator for "STEP 1" and "STEP 2". The search process begins with the instruction "First things first. What clinical trials are you looking for?" and asks the user to fill in fields to search for relevant trials. The search fields are:

- Type a condition...
- Or type some keywords
- Choose a country...

At the bottom of the search section, it indicates "270364 matches found" and a "Next step" button is visible.

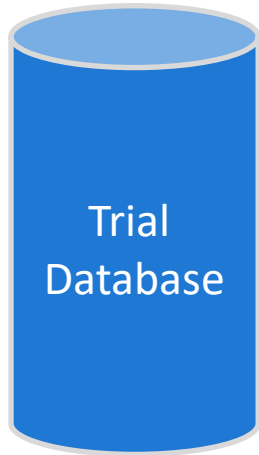
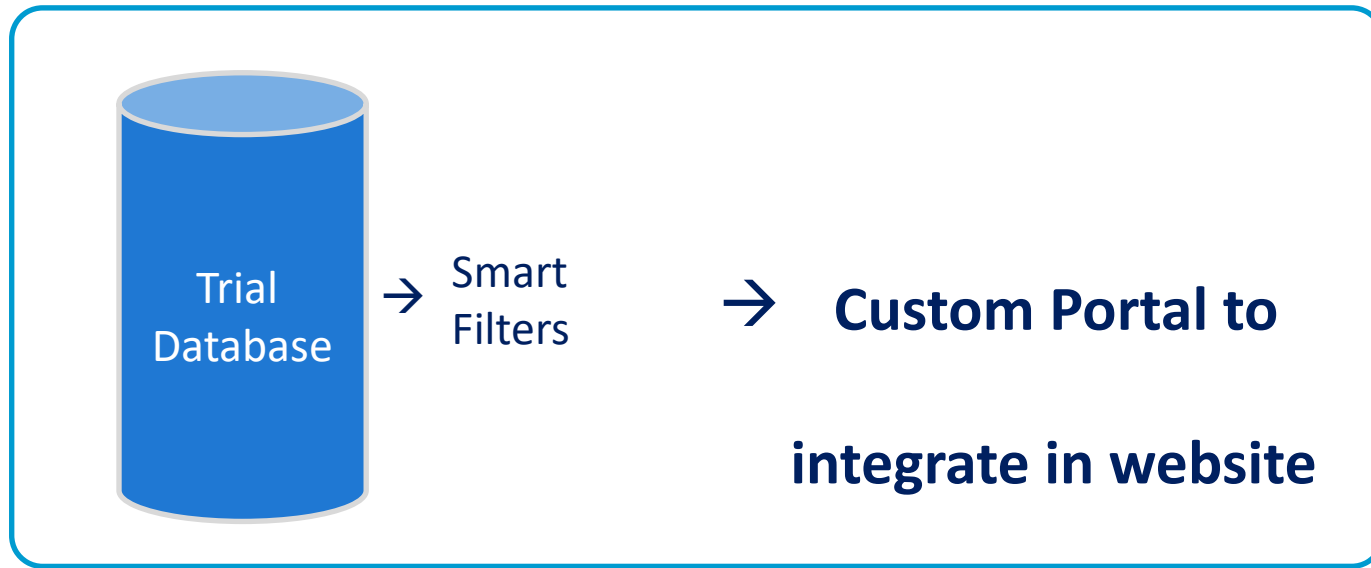
A Private Portal for Each Stakeholder



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Academic Trials



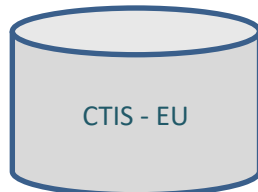
Trial Database

→ Smart Filters

→ **Custom Portal to
integrate in website**



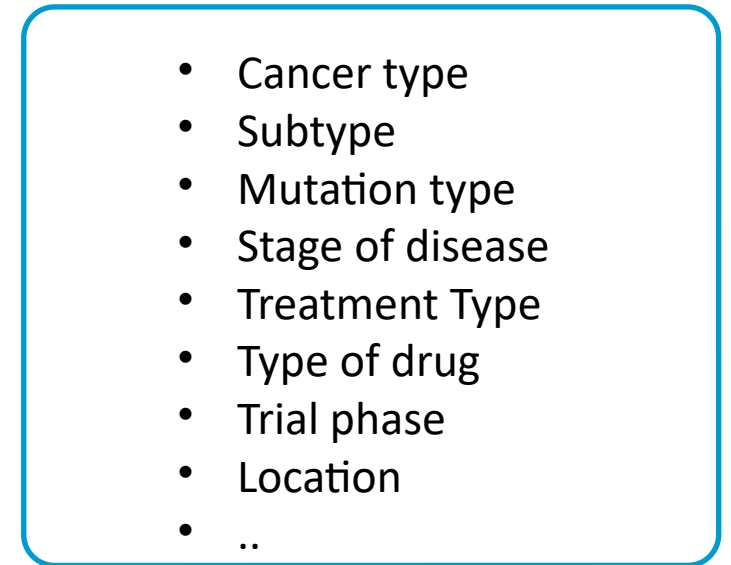
ClinicalTrials.gov



CTIS - EU



Specific Filters can be built: NLP
Filters / Mapping Algorithms :
training phase might apply



- Cancer type
- Subtype
- Mutation type
- Stage of disease
- Treatment Type
- Type of drug
- Trial phase
- Location
- ..



A Private Portal for Each Stakeholder

Secure login:

→ Client Code

→ Contact email

→ Password

Welcome Back!

Client Code

Email Address

Password

Remember me

[Forgot your password?](#)

Log In

A Private Portal for Each Stakeholder



One easy and secure customized portal

- Overview of ongoing trials relevant for your organisations
- Filter per phase or disease area
- View contact persons
- View investigators

The screenshot shows a user portal for "Your Organisation". On the left is a navigation menu with items: Account Information, Users, Clinical Trials (highlighted), Investigators, and Contact Persons. The main content area includes: 1. A search bar at the top with the text "Press / to search". 2. A header section for "Your Organisation" with a building icon. 3. Two summary cards: "Open Clinical Trials" with a lock icon and the number 83, and "Completed Clinical Trials" with a lock icon and the number 70. 4. A "Clinical Trials Per Disease Area" section with a donut chart and a legend: Breast Cancer (41 - 26%), Cardiometabolic disease (0 - 0%), Cervical cancer (11 - 7%), Hemophilia (1 - 1%), and Infectious disease (11 - 7%). 5. Two tables: "Phases" and "Disease Areas".

Phases	
N/A	14 clinical trials
Phase 1	15 clinical trials
Phase 2	38 clinical trials
Phase 3	99 clinical trials
Phase 4	2 clinical trials

Disease Areas	
Breast Cancer	41 clinical trials
Cardiometabolic disease	0 clinical trials
Cervical cancer	11 clinical trials
Hemophilia	1 clinical trials
Infectious disease	11 clinical trials
Inflammatory bowel diseases	42 clinical trials
Leukaemia	11 clinical trials
Liver cancer	1 clinical trials

A Private Portal for Each Stakeholder



clinicaltrial.be

Press / to search

IR IRA

Account Information

Users

Clinical Trials

Requests For Update

Investigators

Contact Persons

Saint Luc IRA II
INSTITUT

Investigators

van cutsem

NAME	CONTACT	TRIALS	LATEST TRIAL
Elizabeth Fabre-Guillevin, MD Principal Investigator, AERO	—	1	Xeloda Vs Monitoring in Advanced Colorectal Cancer...
Eric Van Cutsem, MD Principal Investigator, BGDO	—	4	Xeloda Vs Monitoring in Advanced Colorectal Cancer...
Eric Van Cutsem, MD, PhD Study Chair, University Hospital, Gasthuisberg	—	1	Fluorouracil and Leucovorin With or Without Irinot...
Eric Van Cutsem, Prof MD PhD Principal Investigator, University Hospitals Leuven, Catholic University	—	1	Liver-PILP First-in-Man
Karen Geboes, Prof MD PhD Principal Investigator, University Hospital, Ghent	—	1	Liver-PILP First-in-Man
Luc Defreyne, Prof MD PhD Principal Investigator, University Hospital, Ghent	—	1	Liver-PILP First-in-Man
Marc Polus, MD Principal Investigator, BGDO	—	1	Xeloda Vs Monitoring in Advanced Colorectal Cancer...
Marc Van den Eynde, MD Principal Investigator, University Hospital Louvain Saint-Luc	—	1	Liver-PILP First-in-Man

Previous 1-8 of 8 Next

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→ Search for ongoing trials of investigators

Easy exploration tool

Example

A Private Portal for Each Stakeholder

Serve patients and hospital sites

→ Request edits (lay language, translations, contact,..)



clinicaltrial.be

Press / to search

IR IRA



Request Clinical Trial Update

Clinical Trial Details: Safety and Toxicity Study of Vaccination for Advanced Metastatic Melanoma Patients

ID	80440
External ID	NCT01331915
Protocol Code	—
Title	Phase I/II Study of Therapeutic Vaccination With Escalating Doses of Theravac®, a Proteinic Vector Targeting Dendritic Cells Coupled to a Melanoma Antigen, in Patients With Advanced Metastatic Melanoma.
Conditions	Melanoma
Keywords	Metastatic Melanoma, Safety, Theravac vaccine, HLA-A2 typing, Tyrosinase.A2 gene expression
Description	<p>There are three treatment cohorts and the inclusion of patients is governed by the dose-limiting toxicities in the previous cohort.</p> <p>the first three patients will receive a dose of 50 µg of Theravac® second cohort of three patients will receive a dose of 150 µg Theravac® the third cohort of three patients will receive a dose of 250 µg Theravac® and eventually a total of 14 patients will complete the step with the highest dose.</p> <p>All the patients will receive four immunizations every three weeks in two intradermal sites and in two subcutaneous sites.</p>

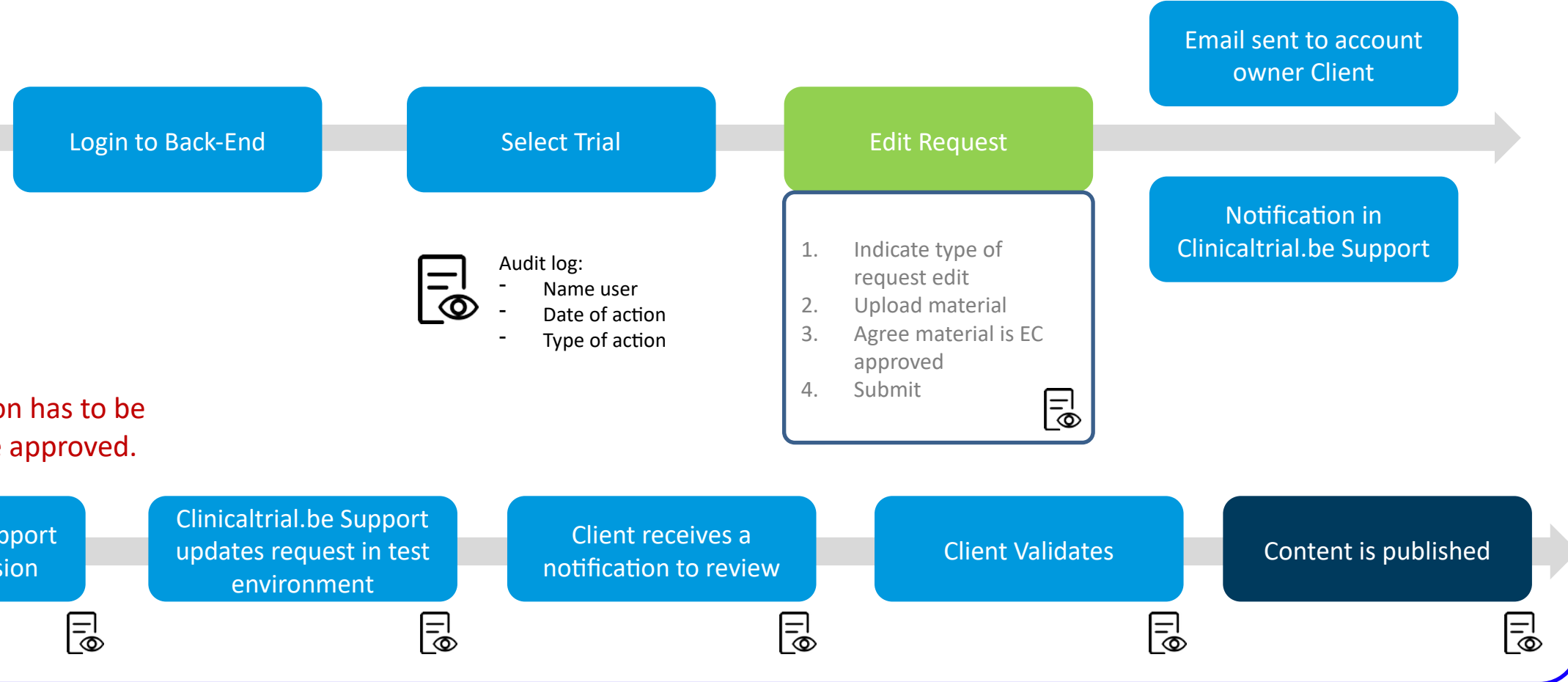
Prophylactische cerebrale bestraling of actieve MAgnetic Resonance Imaging Surveillance bij kleincellige longkankerpatiënten (PRIMALung-studie)

Vereisten voor de studie

Hoe kan ik bekijken of ik in aanmerking kom?

Patient Facing Recruitment Material

Edit Request Process with Audit Logs



Full legal assessment done by independent law firm.

Benefit of a Multi-Stakeholder Portal

→ Reduce burden of keeping information up to date for hospital sites and ease searching for trials for patients

→ Help patient organisations to be up to date by providing information about ongoing trials

→ Allow hospitals to select their contact preference for each trial and help patients to be directed to the right person

→ Possibility for your organisation to integrate the portal

→ Link patients to patient organisations

→ Facilitate trial recruitment by providing stakeholders with patient friendly local language, material connected to one centralized system in a compliant way



Thank you!