



NAVIFY<sup>®</sup> Decision Support portfolio

# Clinical Decision Support apps

Make more informed decisions with valuable, patient-centric data at your fingertips



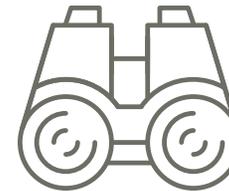
NAVIFY<sup>®</sup>

## NAVIFY Clinical Decision Support apps

NAVIFY Clinical Decision Support apps provide patient-centric and evidence-based insights to enable more confident and personalized treatment decisions. Fully integrated with NAVIFY workflow products, the apps are easy to access and use.

Extend the functionality of NAVIFY workflow products:

- Support treatment decisions with every app
- Embed clinical trial matching into the tumor board process
- Apply the latest evidence-based recommendations from clinical guidelines or institutional pathways
- Support quality initiatives with real-time analytics and automated reports on guideline or pathway adherence
- Support treatment decisions with the latest literature on demand



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## Support treatment decisions with every app

Clinicians need **real-time access to clinical trials, the latest scientific and medical literature and guidelines** to make evidence-based decisions for personalized treatments.

NAVIFY Clinical Decision Support apps fully integrate with NAVIFY workflow products, such as NAVIFY Tumor Board, to enhance functionality and reveal options for cutting-edge therapies.

### What is NAVIFY Tumor Board?

A cloud-based workflow product

NAVIFY Tumor Board securely integrates and displays a holistic view of the patient alongside relevant scientific data to support clinical decision-making. Enhanced by an evolving apps ecosystem, NAVIFY Tumor Board helps oncology teams collaborate and work efficiently to personalize care decisions in an era of expanding medical knowledge and technology. Learn more at [navify.com](https://navify.com).

## View and share additional treatment information specific to each patient

NAVIFY Clinical Decision Support apps are fully integrated and easily accessible from NAVIFY workflow products. The seamless delivery of the most relevant guideline recommendations and trials for each patient, combined with the latest clinical research, enhance multidisciplinary team discussions and empower care providers to optimize treatment strategies for each patient.

### Currently available:



#### **NAVIFY Guidelines**

Support evidence-based decision-making with access to the latest clinical oncology guidelines or institutional pathways.



#### **NAVIFY Clinical Trial Match\***

Increase treatment options by identifying clinical trial options relevant to individual patients.



#### **NAVIFY Publication Search\***

Keep up with and apply the latest medical research and scientific literature to support decision-making.



## Clinical guidelines and pathways support the consistent delivery of high-quality, evidence-based care

The demand for and influence of clinical oncology guidelines is increasing.

**For clinicians,** evidence-based guidelines and pathways enable them to apply the latest treatment strategies and therapies with confidence and ease.

**For oncology and quality leaders,** clinical guidelines and pathways support the consistent delivery of high-quality care across the institution while reducing costs and inefficiencies associated with care variations.



### Clinicians may be thinking:

- Guidelines lookup is burdensome and time-consuming due to length and complexity.
- I treat patients across many tumor types. I can't keep up with updates for every indication.
- If I had easier access to evidence- and consensus-based guidelines when I'm making decisions, I would have more peace of mind that I'm making the best decision for my patients.

### Oncology and quality leaders may be thinking:

- Not everyone has embraced the standard of care. These care variations can lead to higher costs and inefficiencies.
- We need insights to help us understand adherence to guidelines and reasons for off-pathway decisions.
- Manual tracking and reporting of guideline adherence for reimbursement and accreditation is time-consuming and cumbersome.

## NAVIFY Guidelines

### Optimize care decisions with guidelines and clinical pathways at your fingertips

With NAVIFY Guidelines, clinicians have a faster and easier way to review up-to-date clinical guidelines and pathways, as well as document patient-specific treatment paths to facilitate communication and care coordination across the team. Oncology and quality leaders can gain real-time visibility and automate the tracking and reporting on guideline adherence to support reimbursement and accreditation.

NAVIFY Guidelines is designed to fit your institutional needs. Choose from over 16 digitized National Comprehensive Cancer Network Clinical Practice Guidelines in Oncology (NCCN Guidelines®). Alternatively, you can digitize your institutional pathways via the Guidelines Configuration Module.

### Ask your NAVIFY representative about the possibilities with NAVIFY Guidelines

#### **Up-to-date Digitized Guidelines:**

Review the latest clinical guidelines and pathways to support evidence-based treatment planning and standardization of care

#### **Guidelines Configuration Module:**

Digitize and publish custom institutional guidelines for use in the app

#### **Quality Insights Reporting:**

Real-time insights and automated reporting on guideline and pathway adherence



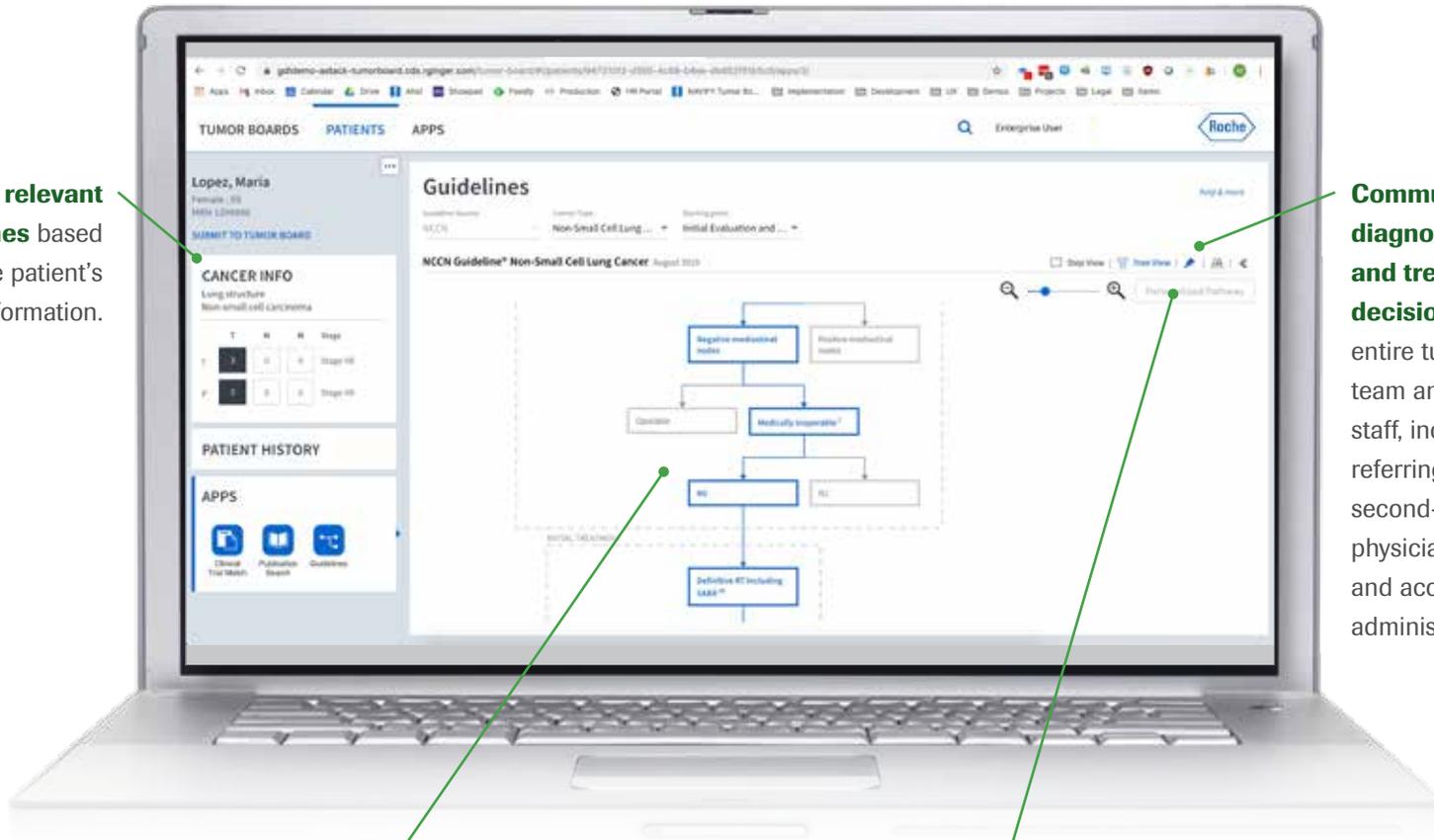
# A faster and easier way to review up-to-date clinical guidelines to support evidence-based diagnostic and treatment decisions

**See relevant guidelines** based on the patient's clinical information.

**Communicate diagnostics and treatment decisions** with the entire tumor board team and ancillary staff, including the referring physician, second-opinion physicians, billing and accreditation administrators.

**Follow a step progression** or decision tree to ensure diagnostic steps aren't missed.

**Create an exception** by entering an alternative treatment and the reason for going off pathway.



# Built for oncology and quality leaders

Real-time reporting and insight into guidelines usage and customization of pathways

The screenshot displays the NAVIFY Analytics interface. At the top, there are navigation tabs for 'TUMOR BOARDS', 'PATIENTS', and 'APPS'. The main header includes filters for 'Cancer type' (set to 'All'), 'Start date' (Jan/01/2020), and 'End date' (Dec/30/2020), with an 'APPLY' button. The 'Analytics' section shows 'Guidelines App utilization: 389'. Below this is a horizontal bar chart titled 'Clinical pathways by cancer type' comparing utilization 'without customization' and 'with customization' across various cancer types. To the right, a donut chart titled 'Customized pathway reasons:' shows the distribution of customization reasons. Below the donut chart is a table with columns for 'CLINICIAN', 'Guideline recommendation', 'Customized pathway diagnosis/treatment', and 'Customized pathway reason'.

**Guidelines utilization** by time period and cancer type.

Utilization by **cancer type**.

**Guideline utilization** with vs. without customization

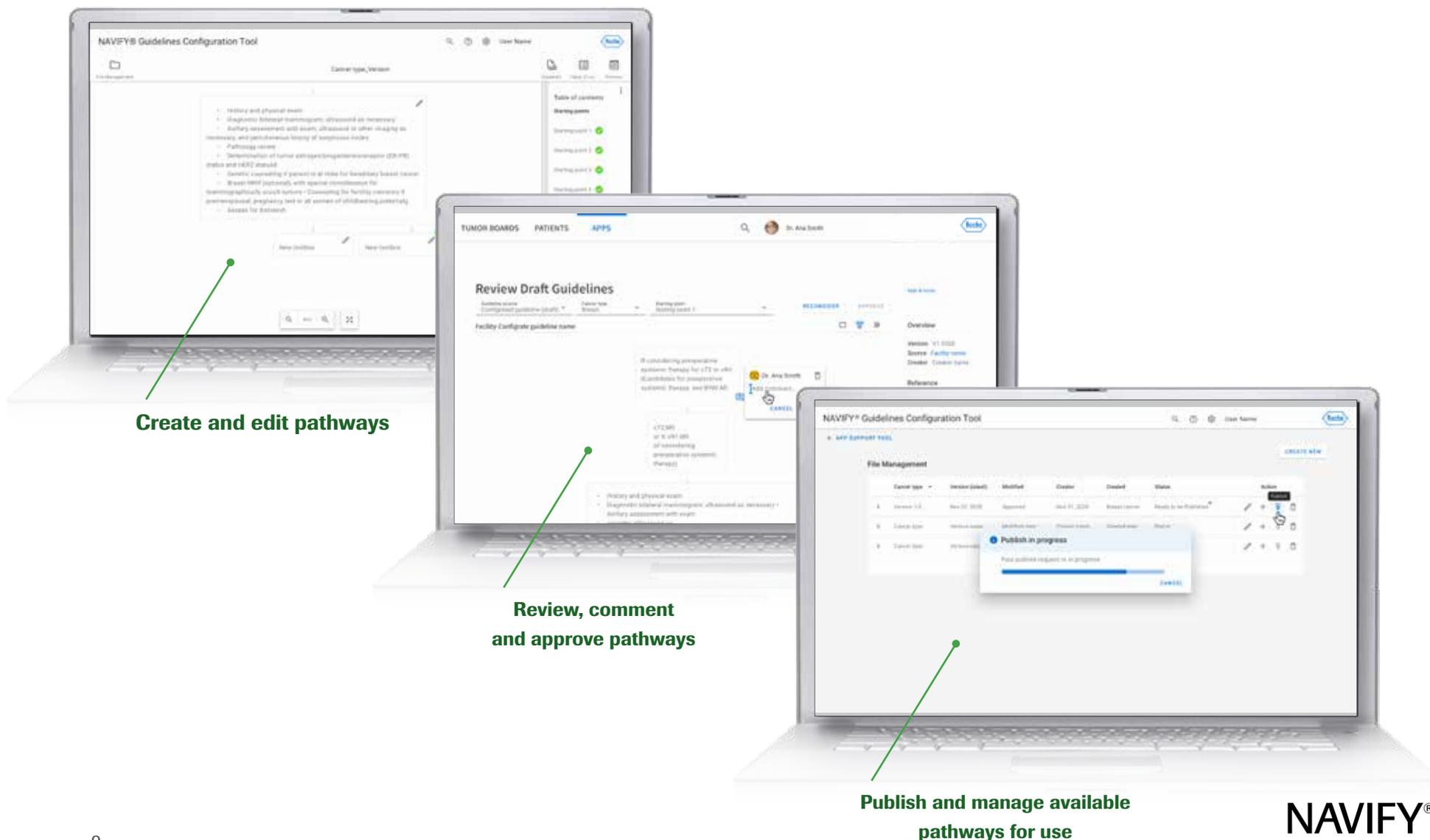
Drill down by categories for **pathway customization**.

**Pathway customization** by percent or by count of **total guidelines utilization**.

Table view of pathway customizations **by cancer type** or **by clinicians**.

# Increase usage and adherence to your institutional pathways

Digitize clinical pathways from your institution using an intuitive workflow, making it easier for clinicians to access it at the point of care



## NAVIFY Clinical Trial Match\*

### Treatment options are just a click away

Easily access clinical trial opportunities based on an individual patient's condition, genomic alterations and institution's postal code. NAVIFY Clinical Trial Match uses MolecularMatch to return unbiased, current clinical trials by preset date parameters from ClinicalTrials.gov, European Medicines Agency, Japan Medical Association Center for Clinical Trials, and more.

#### Healthcare practitioners may be thinking:

- I want to provide the best care for my patients and would like to include clinical trial options, but I don't have enough time to search for them.
- Matching the patient's EMR with the large list of inclusions and exclusions for clinical trials makes finding matching trials difficult given my workload.
- I can't explore clinical trials during my tumor board presentation because it would take too much time to search different institutions and sites.



**With NAVIFY Clinical Trial Match, you can automatically find the right trial at the right time — in seconds.\*\***

**More than 93% of those deemed ineligible to take part in a trial were not given other trial options.<sup>2</sup>**



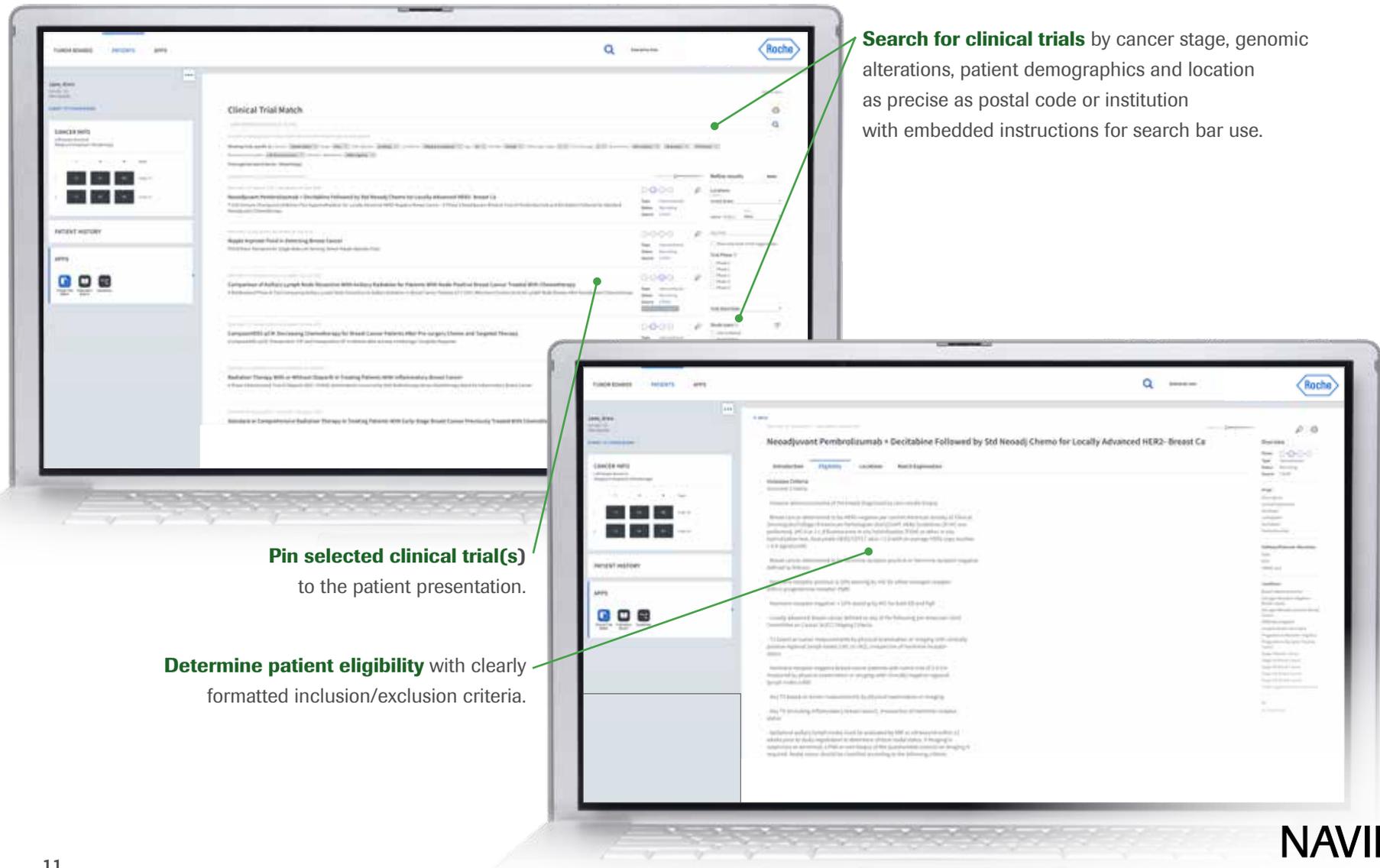
Too many patients miss clinical trial opportunities.  
**Make sure your patient isn't one of them.**

#### **Spend less time searching for clinical trial options**

Powered by MolecularMatch's Natural Language Processing technology, NAVIFY Clinical Trial Match taps into a comprehensive knowledge platform that incorporates genomic, evidence-based medicine with clinical trials to return patient-specific results with the rationale for each and automatically eliminate non-relevant trials.

# Embed clinical trial matching into the tumor board decision process

Present the pinned clinical trial during the tumor board.



**Search for clinical trials** by cancer stage, genomic alterations, patient demographics and location as precise as postal code or institution with embedded instructions for search bar use.

**Pin selected clinical trial(s)** to the patient presentation.

**Determine patient eligibility** with clearly formatted inclusion/exclusion criteria.

## Clinical trials by the numbers

Increasing awareness (and enrollment) could help increase survival and quality of life.

Cancer clinical trial participation and cancer survival:

**Children with cancer:** **60%** Enroll in clinical trials **75%** Survive well after cancer treatment trial<sup>3</sup>

**Adults with cancer:** **<5%** Enroll in clinical trials<sup>4</sup> **50%** Survive well after cancer treatment trial<sup>3</sup>

Talk to your  
NAVIFY representative about  
the opportunities of NAVIFY  
Clinical Trial Match\*

Easily access more clinical trials than with other workflow products. See terms rationalized for and eliminated from search for better clarity around results. Aggregate results versus manually searching multiple search engines. Generate results in seconds.\*\*

16%

Only 16% of cancer patients are aware of relevant clinical trials available to them when considering treatment.<sup>4</sup>

<5%

Fewer than 1 in 20 adult cancer patients enroll in cancer clinical trials.<sup>5</sup>

# NAVIFY Publication Search\*

## Support your treatment decisions with the latest research — on demand

Effortlessly mine PubMed, American Society of Clinical Oncology, European Society for Medical Oncology and American Association of Cancer Research for literature specific to the patient's condition and genomic alterations. The app returns the most recent articles and publications from more than 858,000 highly regarded medical and research sources displayed by preset date parameters and with help from embedded instructions for search bar use.

### Healthcare practitioners may be thinking:

- I don't have time to keep up with all the new medical literature. It's overwhelming.
- Finding an article that applies to a specific patient condition is time consuming.
- Publication search engines can be cumbersome and hard to navigate.
- There's no elegant way to reference relevant literature during a tumor board.



**With NAVIFY Publication Search, you can automatically find the right publication at the right time — in no time.**

**New medical articles are appearing at a rate of at least 1 every 26 seconds<sup>6</sup>**

**With NAVIFY Publication Search, you can easily find and share the latest, most relevant literature — all in one place.**

## Find and present **the most up-to-date medical literature** specific to each patient

**Search** for literature by cancer type and stage, genomic alterations, and biomarker information to receive personalized, targeted results.

**Pin** articles, literature and other publications to the patient's presentation.

**Present** the selected materials for collaboration during the tumor board.

### Ask your NAVIFY representative about the possibilities with NAVIFY Publication Search\*

- Easily and intuitively access a larger set of results than a manual search returns.
- Present valuable information to collaboratively make personalized treatment decisions
- See terms rationalized for and eliminated from search for better clarity around results.
- Generate results in seconds.\*\*



## Advancements with NAVIFY technology and data

For more than 120 years, Roche has been a globally recognized healthcare leader. Our legacy makes us a trusted source of medical insights and knowledge. We partner with you in a committed strategy to expand what's possible for your institution and your patients.

By building digital healthcare technologies, such as NAVIFY portfolio, acquiring access to companies, such as Viewics, Flatiron Health and Foundation Medicine, and allying with industry experts, we are doing now what our clients need next to enable decision support, personalized healthcare and value-based medicine.

### Get the latest apps now

Contact your Roche account manager or visit [navify.com](https://navify.com).

<sup>1</sup>R. Carlson, et al, "National Comprehensive Cancer Network: Global Utilization of Clinical Oncology Guidelines," Journal of Global Oncology, No. 4, Supplement 2.

<sup>2</sup>Zlatanova, Maya. (February 15, 2018). "Finding the Patient Voice." PMLiVE.com. [http://www.pmlive.com/pharma\\_intelligence/Finding\\_the\\_patient\\_voice\\_1220595](http://www.pmlive.com/pharma_intelligence/Finding_the_patient_voice_1220595) (accessed July 9, 2018).

<sup>3</sup>American Society of Clinical Oncology. (August 2017). "About Clinical Trials." Cancer.net. <https://www.cancer.net/research-and-advocacy/clinical-trials/about-clinical-trials> (accessed June 29, 2018).

<sup>4</sup>Clinical trial awareness, attitudes, and participation among patients with cancer and oncologists Laurie Fenton,<sup>1</sup> Maureen Rigney, LICSW,<sup>1</sup> and Roy S. Herbst, MD, PhD<sup>2</sup> published on Community Oncology 2009;6:207-213, 228 © 2009 Elsevier Inc. All rights reserved.

<sup>5</sup>Unger, Joseph M., Elise Cook, Eric Tai and Archie Bleyer. (2016). "Role of Clinical Trial Participation in Cancer Research: Barriers, Evidence, and Strategies." American Society of Clinical Oncology Education 35:185-198. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5495113/> (accessed June 29, 2018).

<sup>6</sup>Bornmann, Lutz and Rüdiger Mutz. (2015). "Growth rates of modern science: A bibliometric analysis based on the number of publications and cited references." Journal of the Association for Information Science and Technology 66: 2215-2222.