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navify Tumor Board

navify Decision Support Portfolio

Make the most informed personalized treatment decisions possible by leveraging innovative technologies and the latest scientific and clinical data.

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Discover **navify** Tumor Board

What if you could empower your multidisciplinary teams to make informed, personalized treatment strategies and care decisions possible for your patients?

With **navify** Tumor Board, now you can.

Learn how **navify** Tumor Board can enable your oncology care and IT teams to:

- Save valuable time in logistics and tumor board meeting coordination
- Effectively present relevant data
- Optimize treatment strategies for each patient
- Invest in purpose-built technologies and expertise to support compliance
- Connect **navify** portfolio seamlessly with your institution's IT landscape

What's inside:

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Chllenges and Solutions

Save valuable time in tumor board coordination and patient case preparations.

Caring for cancer patients is a team effort, and tumor boards, or multidisciplinary team (MDT) meetings, help increase the survivorship rates of patients with many different types of cancer.[1] However, care teams face two main challenges in meeting tumor board potential.

Tumor board preparation can be inefficient and cumbersome.

Relevant patient data resides in disparate systems and inconsistent formats. Clinicians do not have adequate time to gather patient information for tumor board preparation from sources, such as:

- Electronic medical records (EMRs)
- Lab results
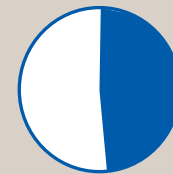- Radiology picture archiving and communication systems
- Pathology reports

Each tumor board meeting also involves time-consuming administration. The meeting must be organized and coordinated among the participants, including oncologists, pathologists, surgeons, radiologists and nurse navigators.

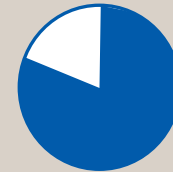## Rapidly evolving medical knowledge and technology compounds the complexity of treatment decisions.

The volume of scientific research, treatment and oncology knowledge is growing at an exponential rate. However, finding all of the relevant data, let alone making sense of it, can be overwhelming.

In addition, the quality of treatment decisions is influenced by whether:

- The tumor board has access to up-to-date data
- The data is presented so the team can better collaborate on available treatments and therapies

47% **of health systems report oncologists** spend one to two hours to prepare a complex case for tumor board review.[2]
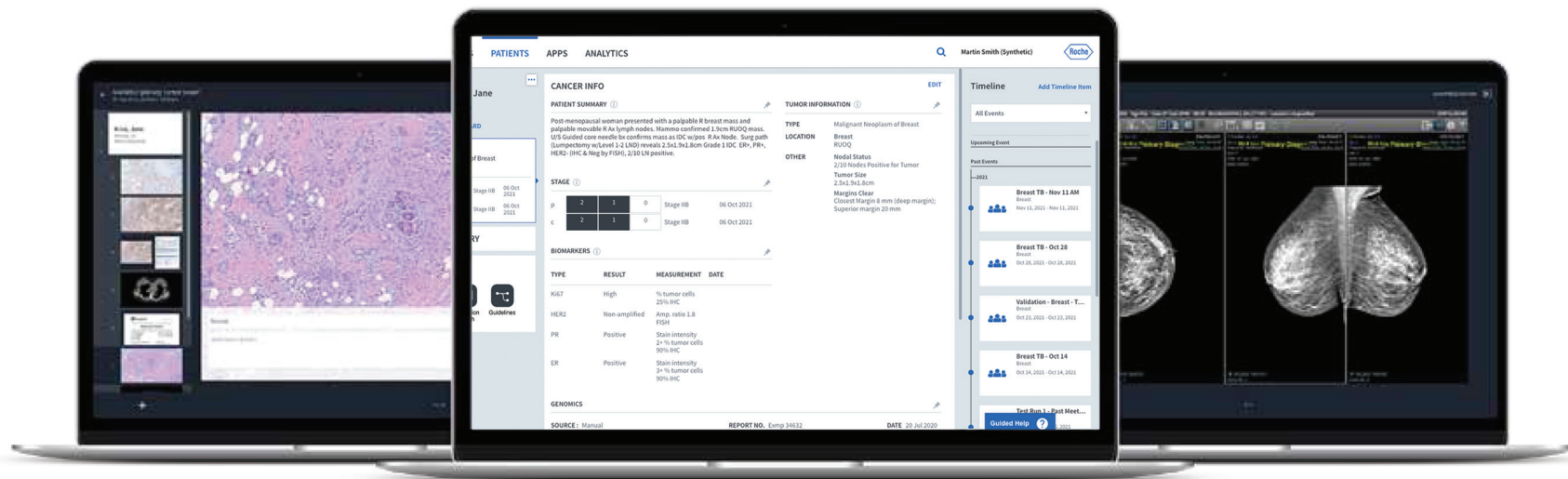
80% **oncology leaders expect real-world outcomes from aggregated data** to be extremely important in guiding physician decision-making.[2]

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Streamline workflow and effectively present relevant data with **navify** Tumor Board

navify Tumor Board is a cloud-based workflow solution that securely integrates and displays relevant aggregated data into a single, holistic patient dashboard for oncology care teams to review, align and decide on the optimal treatment for the patient.

Fully integrated Clinical Decision Support apps, such as **navify** Guidelines, **navify** Clinical Trial Match* and **navify** Publication Search* extend the functionality of **navify** Tumor Board with additional, up-to-date, patient-specific content.

What is **navify** portfolio?

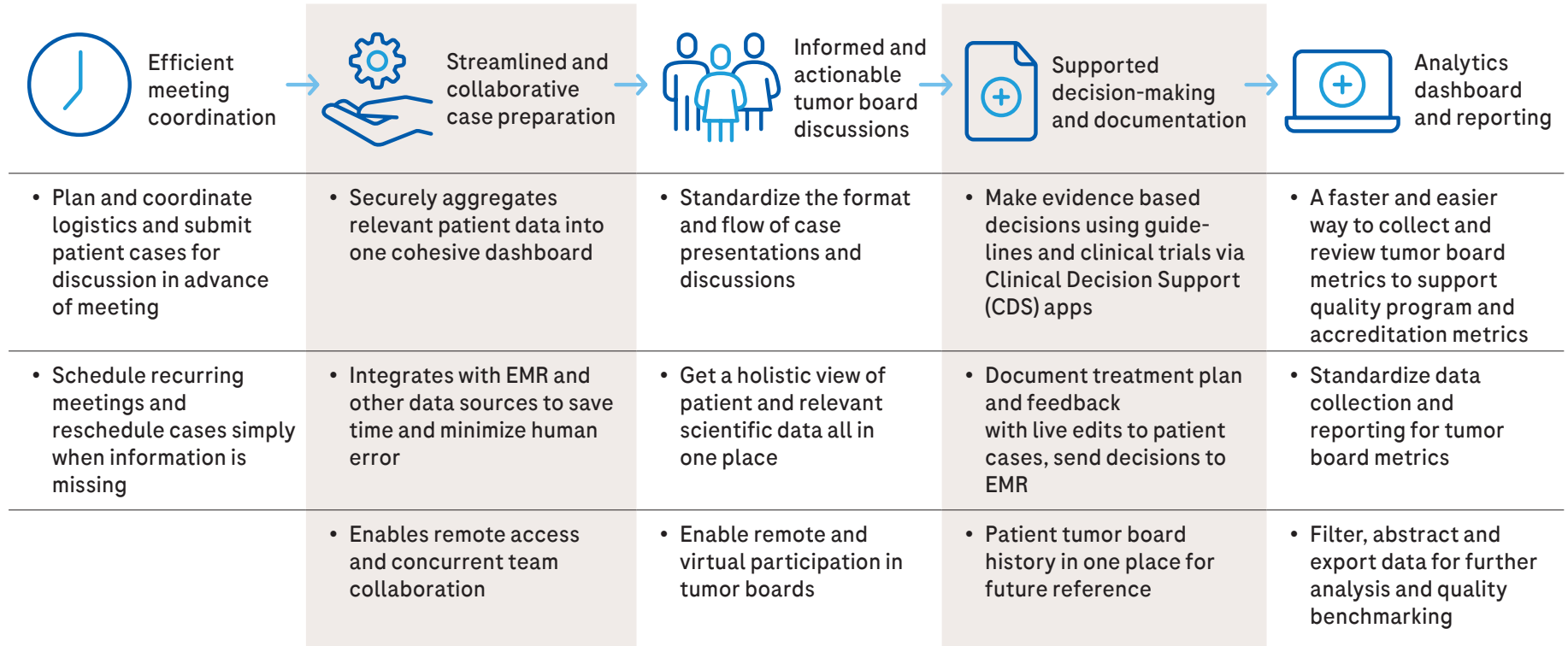An enterprise-class suite of solutions that empower the global healthcare community.

navify portfolio advances personalized healthcare by aggregating patient information, relevant data, clinical evidence and analytics. **navify** portfolio enables your institution to deliver informed strategies and decisions in an era of infinitely expanding medical knowledge and technology.

Learn more at **navify.com.**

*Powered by MolecularMatch, Inc.

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navify Tumor Board improves efficiencies and user satisfaction throughout end-to-end tumor board workflow.

navify Tumor Board can decrease tumor board preparation time for oncologists by as much as 53%. In addition, **navify** Tumor Board provides a better user experience that results in higher user satisfaction than the previous tumor board standard.[3]

Efficient meeting coordination	Streamlined and collaborative case preparation	Informed and actionable tumor board discussions	Supported decision-making and documentation	Analytics dashboard and reporting
• Plan and coordinate logistics and submit patient cases for discussion in advance of meeting	• Securely aggregates relevant patient data into one cohesive dashboard	• Standardize the format and flow of case presentations and discussions	• Make evidence based decisions using guidelines and clinical trials via Clinical Decision Support (CDS) apps	• A faster and easier way to collect and review tumor board metrics to support quality program and accreditation metrics
• Schedule recurring meetings and reschedule cases simply when information is missing	• Integrates with EMR and other data sources to save time and minimize human error	• Get a holistic view of patient and relevant scientific data all in one place	• Document treatment plan and feedback with live edits to patient cases, send decisions to EMR	• Standardize data collection and reporting for tumor board metrics
	• Enables remote access and concurrent team collaboration	• Enable remote and virtual participation in tumor boards	• Patient tumor board history in one place for future reference	• Filter, abstract and export data for further analysis and quality benchmarking

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*"We need all of the information about what is going on with the patient, all of the studies, all of the radiology and all of the lab tests present in one place so that we can make an accurate diagnosis. **navify** Tumor Board helps physicians collect all of the data in one place so that we can make an informed decision having all the different factors that might play into selecting the best treatment for the patient."*

Richard Hammer,
MD Pathologist, University of Missouri
Health Care

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Challenges of bringing precision medicine into routine clinical care.

Advancements in precision medicine and genomic sequencing technologies are paving the way for a more personalized approach to treatment. Increasingly, clinicians are starting to integrate genomic data at the point-of-care to tailor and optimize treatment decisions to each patient.

Still, a few challenges remain.

Actionability and Complexity of Care

Precision oncology requires the analysis and interpretation of a high-volume of genomic data, yet only some of it are clinically actionable. Significant knowledge gaps exist in this rapidly evolving field, especially as the list of biomarkers, targeted therapies and clinical trials grows exponentially. More than ever, clinicians need to rely on multidisciplinary teams and decision support tools to decode and apply genomic data to personalized treatment decisions.

Importance of a holistic view of the patient.

Cancer is a complex disease with multiple underlying causes and factors. Genomics data is only one piece of the puzzle. Combining genomic data with other patient data provides a more complete picture and allows clinicians to determine the optimal treatment approach. Digital healthcare solutions that enable the aggregation and presentation of genomics data alongside other patient data and surface the most clinically actionable insights for consideration, will help move precision medicine forward.
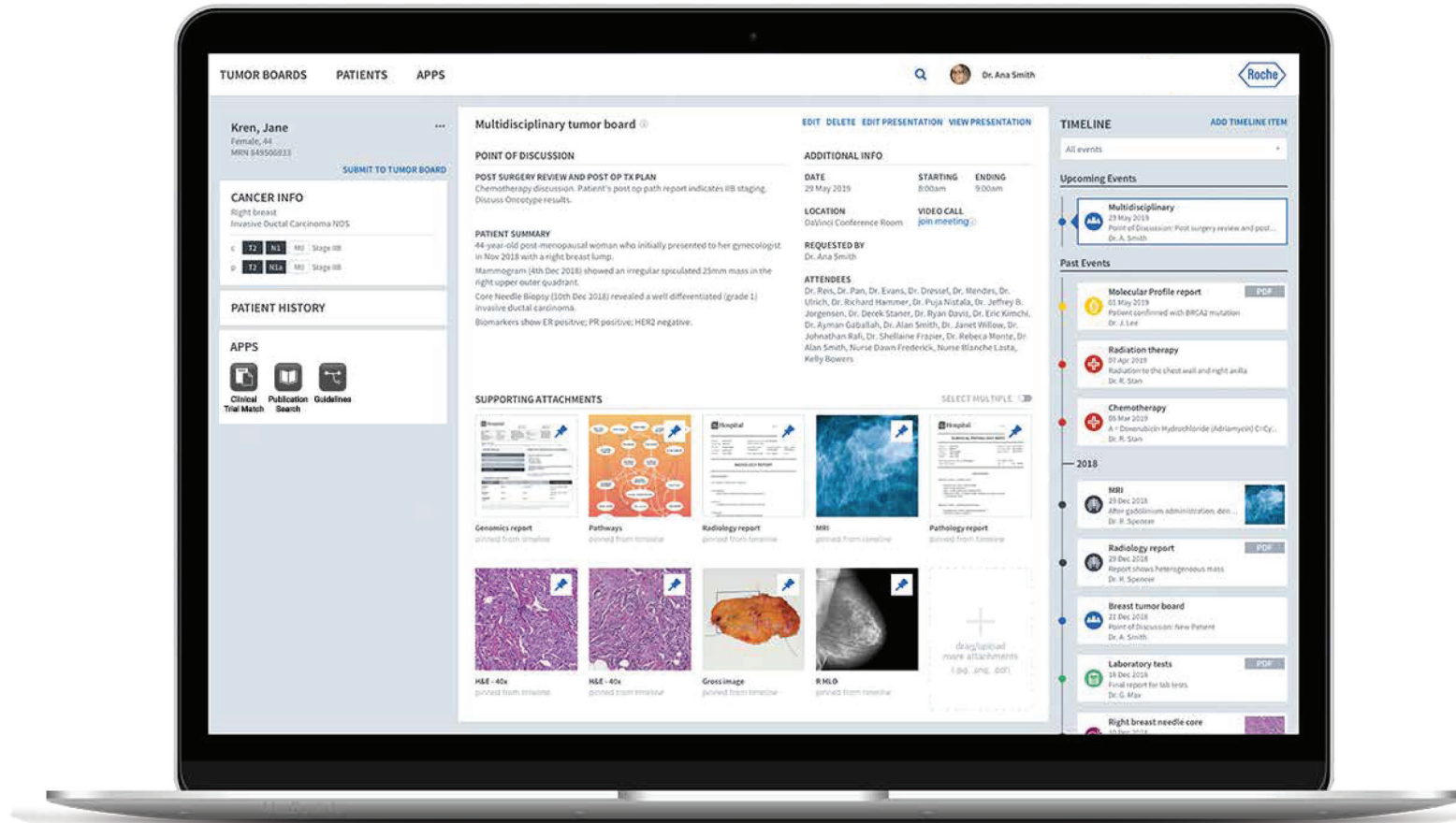
Medical knowledge
is expected to
double every
73 days[4]

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navify Tumor Board empowers care teams to tailor and optimize treatment strategies for each patient.

navify Tumor Board enhances user experience by featuring relevant patient data in a singular dashboard. This holistic view of the patient empowers multidisciplinary teams to have more informed discussions and personalize treatment approaches for each patient.
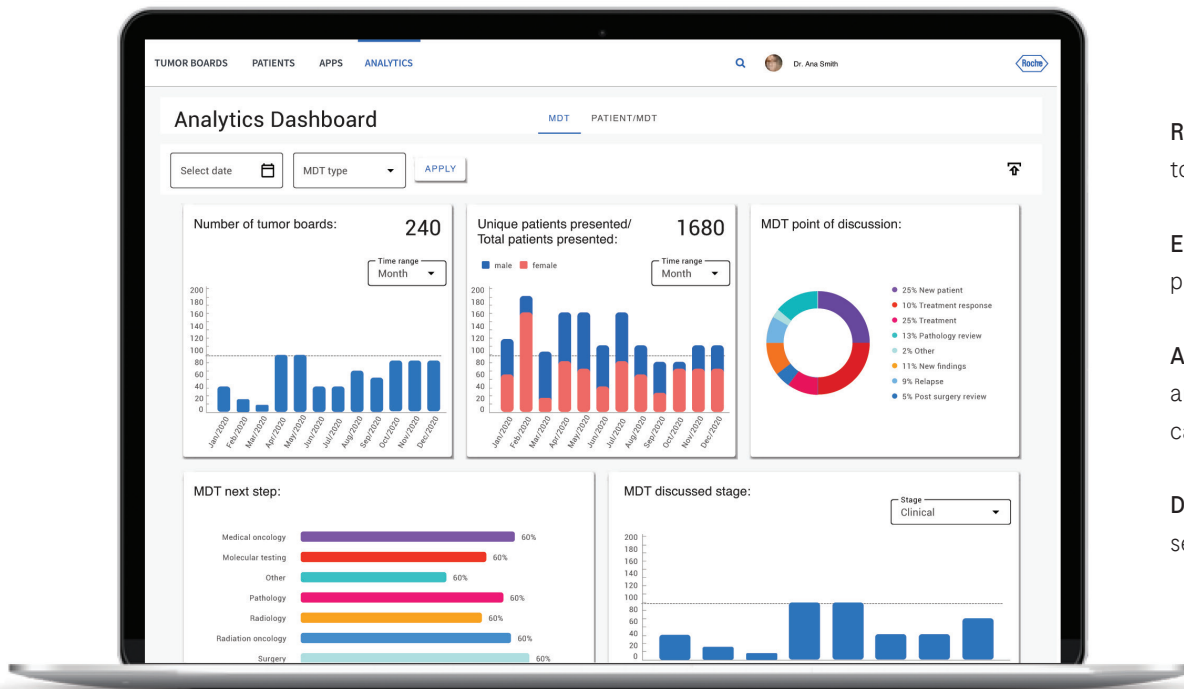
Turn data into insights using **navify** Tumor Board Analytics

A significant amount of time and resources are needed to maintain and participate in quality and accreditation programs. Using metrics already complied for tumor board conferences, **navify** Tumor Board with Analytics offers a faster and easier way to collect, review, and report tumor board and patient data to support quality programs and accreditations.

Reduce manual and redundant data entry to improve workflow efficiency.

Enable quality benchmarking and automate process to track tumor board metrics.

Automate and standardize data collection and reporting for tumor board metrics for cancer committee meetings.

Discover new insights using the filter and search functionality.

Features and Benefits

Extend the power of **navify** Tumor Board

navify Clinical Decision Support apps make valuable information easily accessible and shareable so oncology care teams can make more informed, personalized treatment strategies and patient-care decisions.

Each app seamlessly integrates information from trusted resources to provide unbiased data within **navify** Tumor Board.

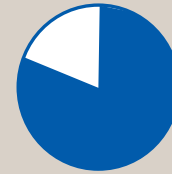| navify Guidelines	navify Clinical Trial Match	navify Publication Search
• Review up-to-date clinical guidelines and pathways to support evidence-based treatment planning and standardization of care	• Identify clinical trial opportunities based on patient condition, genomic alterations, institution or postal code	• Mine PubMed, American Society of Clinical Oncology and American Association of Cancer Research for literature specific to the patient's condition and genomic alterations
• Digitize custom institutional guide- lines and make them available for use in the app	• Easily search through more than 21 international trial registries in one place, including Clinical Trials.gov, European Medicines Agency and Japan Medical Association Center for Clinical Trials	• Generate results in seconds** from more than 858,000 publications
• Gain real-time insights and automate guideline adherence reporting to support reimbursement and accreditation	• Determine patient eligibility with clearly formatted inclusion/ exclusion criteria	• Pin or print relevant publications for an upcoming MDT meeting

Additional solutions and apps are in development. For the latest information, please visit **navify.com/apps.**

*Powered by MolecularMatch, Inc.   **Dependent on connection speeds.

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"Developing better, kinder treatments and improving care relies on research, so it is vital that more patients are offered the opportunity to be involved. There is a strong argument for a more robust process for checking whether a patient is suitable for a clinical trial. Multidisciplinary team meetings are well placed to support this process."

Cancer Research UK, Recommendation 2017 [5]

81% **of multidisciplinary team (MDT) members believe** using a pro forma or standardized workflow for the review of complex cancer cases would have a beneficial impact on the efficiency of the MDT meeting.[5]

43% **of MDT members say** their institution has a process in place sufficient for improving their MDT's effectiveness.[5]

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Purpose-built technology and expertise to support compliance — now and into the future

navify Platform safeguards and manages sensitive patient data accessible through **navify** Tumor Board and Clinical Decision Support apps.

Roche recognizes the importance of incorporating privacy and security principles in our product development process and **has designed navify Tumor Board to operate in accordance with the laws and regulations, including HIPAA (US) and GDPR (EU)**, of each jurisdiction where it is available.

In addition, **navify** Tumor Board has obtained HITRUST, ISO 27001, ISO 27017 and ISO 27018 certifications.

See how **navify** Tumor Board is built with industry-leading technology to keep personal data (per GDPR) and protected health information (per HIPAA) secure and private.

Learn more at **navify.com.**

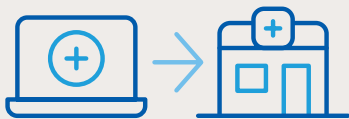**Robust attention to your compliance responsibilities ensures changing security needs are continuously met.**

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Connect **navify** Tumor Board Seamlessly with Your Institution's IT Landscape

As part of **navify** portfolio, the powerful and resilient **navify** Tumor Board requires thoughtful implementation and integration with your other platforms. Because each institution is unique in its IT topography, implementation begins with thorough planning to successfully build the interface between your institution and **navify** Tumor Board architecture.

This is achieved by leveraging the Roche Project Implementation Excellence (PRIME) methodology, based on best practices established by the Project Management Institute. To ensure smooth, straightforward implementation, our team employs a single point of contact backed by dedicated, certified project managers and Lean Six Sigma practitioners. We strive for complete customer satisfaction, anticipating your every question and need.

Get ready to implement

Learn how we can seamlessly implement **navify** Tumor Board into your healthcare institution. Learn more at **navify.com.**

Key IT Discussion Topics

1. **Active Directory Integration**
2. **EHR/EMR Data Integration**
   Patient history
   Patient reports
   Lab results
   Therapy history
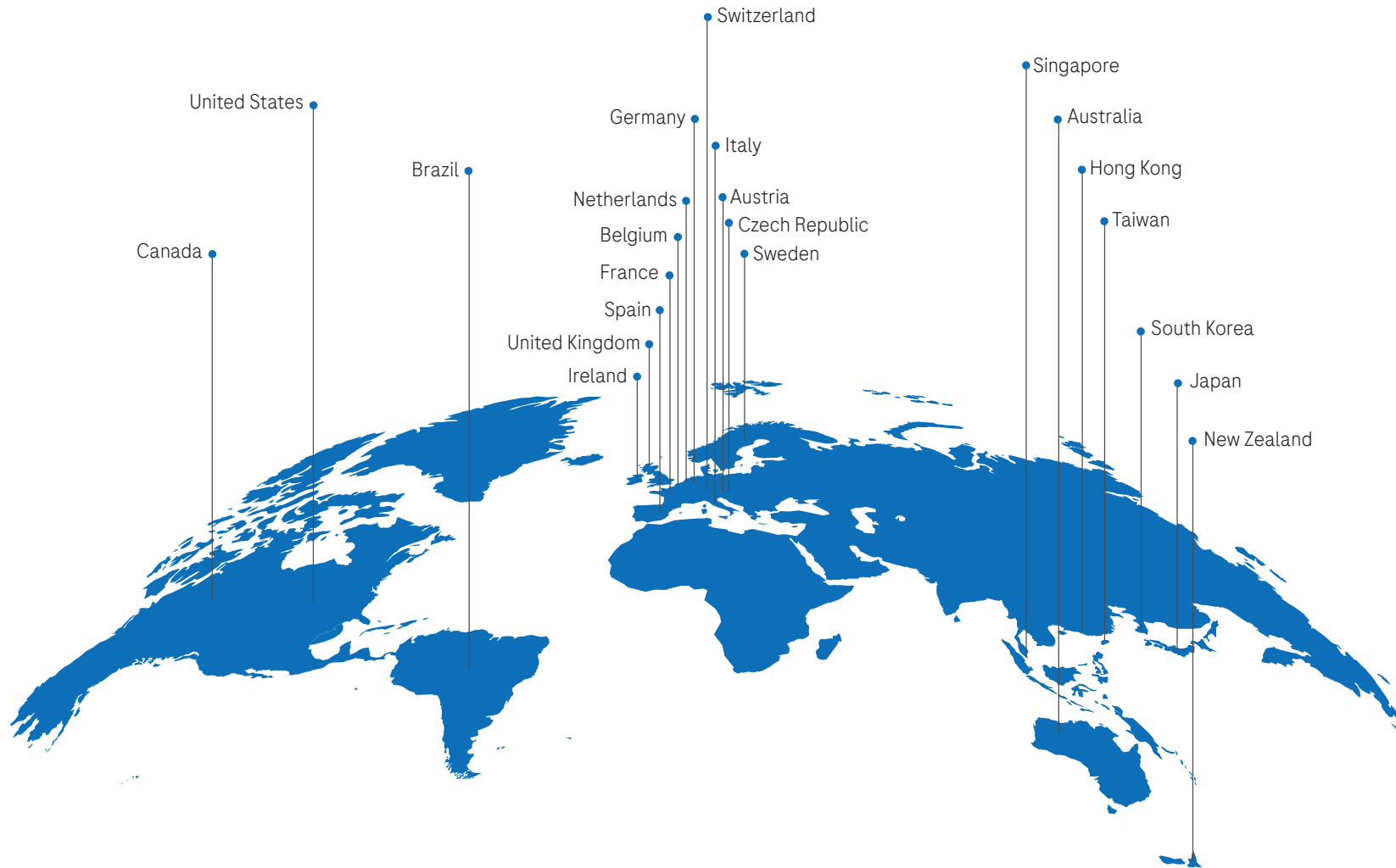3. **PACS Integration/linking**

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*"All the information is more complete. As a radiologist, I can select the key images I want to present and use **navify** Tumor Board like a checklist, seeing what tests and procedures are done, or still need to be done. In one shot, I'll see what the tumor board has to do."*

Ana Rodriguez, MD
Radiologist, Hospital del Mar, Barcelona, Spain

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navify Tumor Board is currently available in these locations:

- Switzerland
- Singapore
- United States
- Germany
- Australia
- Italy
- Brazil
- Hong Kong
- Netherlands
- Austria
- Czech Republic
- Belgium
- Taiwan
- Sweden
- Canada
- France
- Spain
- United Kingdom
- South Korea
- Ireland
- Japan
- New Zealand

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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 and Flatiron Health, and allying with industry experts, we are doing now what our clients need next to enable decision support, personalized healthcare and value-based medicine.

Improve your oncology workflow today.

Contact your Roche account manager or **visit navify.com**

References:

1 Prades J., E. Remue, E. van Hoof and J.M. Borras. (April 2015). "Is it worth reorganizing cancer services on the basis of multidisciplinary teams (MDTs)? A systematic review of the objectives and organization of MDTs and their impact on patient outcomes." Health Policy 119(4):464–474.

2 Stahl, Melissa. (November 15, 2017). "Precision Medicine a Leading Health Systems: Challenges, Opportunities, and the Role of Technology." The Health Management Academy. https:// academynet. com/knowledge-article/precision-medicine-leading-health-systems-challenges-opportunities-and-role (accessed July 3, 2018).

3 Journal of Pathology Informatics, "A new software platform to improve multi-disciplinary tumor board workflows and user satisfaction: A pilot study," July 2018.

4 https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3116346/ - accessed on Jan 29, 2019.

5 Rose Gray, Ben Gordon, Mike Meredith, "Meeting Patients' Needs Improving the Effectiveness of Multidisciplinary Team Meetings In Cancer Services", Cancer Research UK, January 11, 2017, https:// www.cancerresearchuk.org/sites/default/files/full_report_meeting_ patients_needs_improving_the_effectiveness_of_multidisciplinary_ team_meetings_.pdf (accessed September 17, 2018).

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