

# Your Guide to Managing a Myelofibrosis Diagnosis

Understanding your diagnosis



**MASSIVEBIO**



## Your Guide to Managing a Myelofibrosis Diagnosis

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# Overview

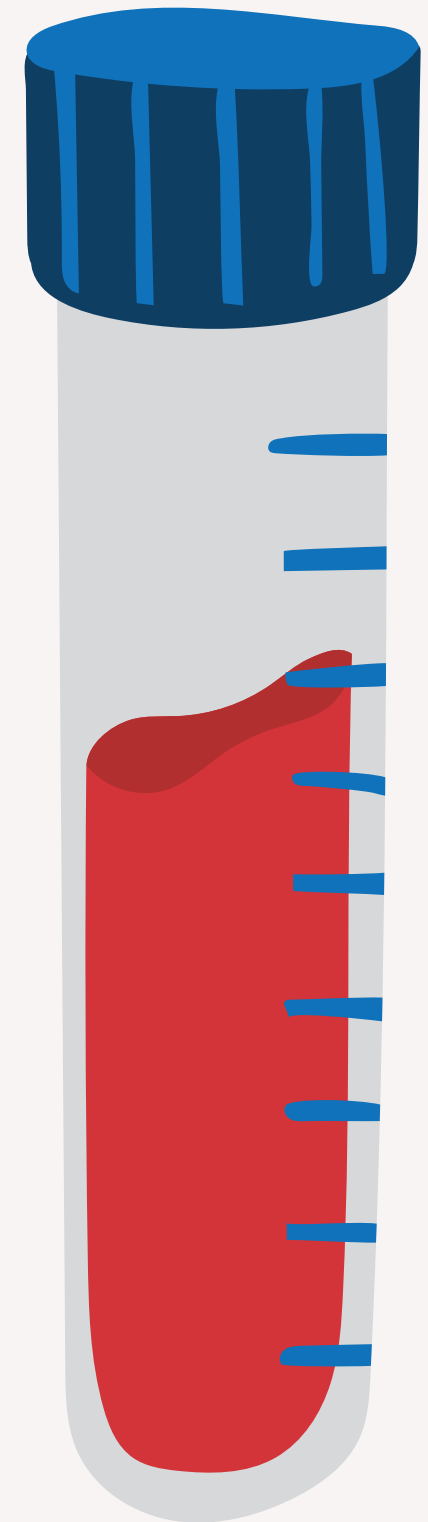


# Understanding Myelofibrosis

Myelofibrosis (MF) is a type of chronic leukemia and is one of the rarest forms of bone cancer. MF slowly replaces healthy bone marrow, which produces all blood cells, with scar tissue. When the bone marrow can no longer produce the needed amount of blood cells, symptoms such as anemia, weakness, bone pain and fatigue emerge.



MF normally develops at a slow pace, and many people are symptom free for many years.



# Understanding Your Specific Diagnosis

What genetic mutation caused your Myelofibrosis (MF)?

- Myelofibrosis develops when a genetic mutation of the blood stem cells occurs.
- 50-60% of all MF mutations are of the Janus kinase 2 gene (JAK2)

Is your MF primary or secondary?

- MF can develop on its own (primary) or as a result of another autoimmune disorder.
- 10-15% of all MF cases begin as Polycythemia Vera (PV) or essential thrombocythemia (ET).

Dynamic International Prognostic Scoring System (DIPSS) classifies MF based on risk.

- DIPSS scores are either low risk, intermediate-1, intermediate-2, or high risk.



# Understanding the Standard Treatments

Treatments for Myelofibrosis (MF) vary based on many factors including genetic mutation, origin, and staging of the disease. Standard treatments include:

## Targeted Drug Therapies

- Ruxolitinib, a medication that targets gene mutations in Myelofibrosis

## Radiation Therapy

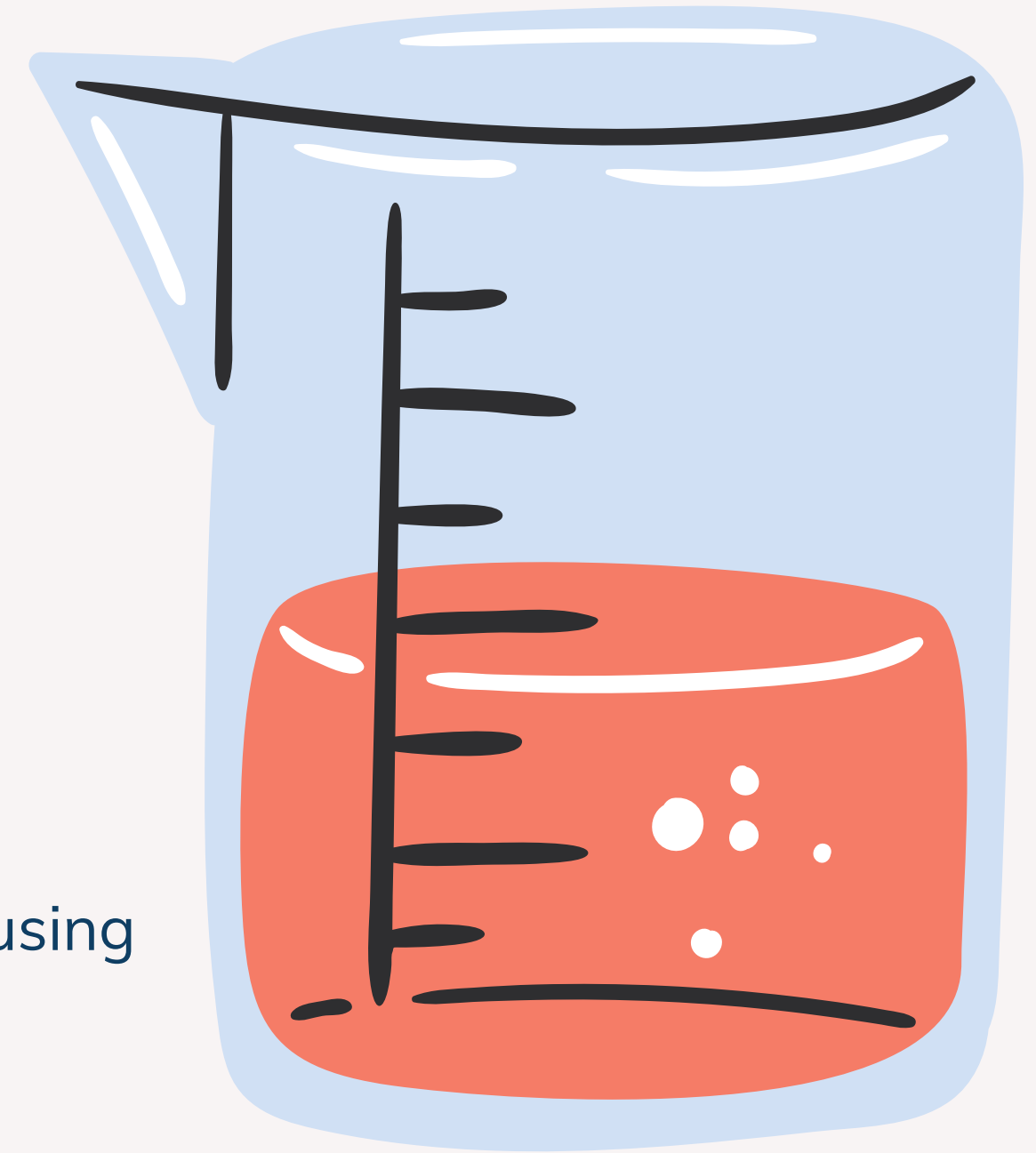
- Used to treat enlarged spleen, bone pain, and tumors

## Splenectomy

- The surgical removal of the spleen when it is too large and causing severe symptoms

## Stem Cell Transplantation

- Allogenic stem cell transplantation (ASCT) is the only current treatment that has the ability to actually cure MF



# Understanding Research Treatments

Around 100 Myelofibrosis (MF) clinical trials are currently active in the United States! These trials are investigating new treatments and detection methods that could save lives in the future!

Current Clinical Trials are researching new:

- JAK inhibitors
- Histone deacetylase (HDAC) inhibitors
- Immunomodulatory drugs
- And more

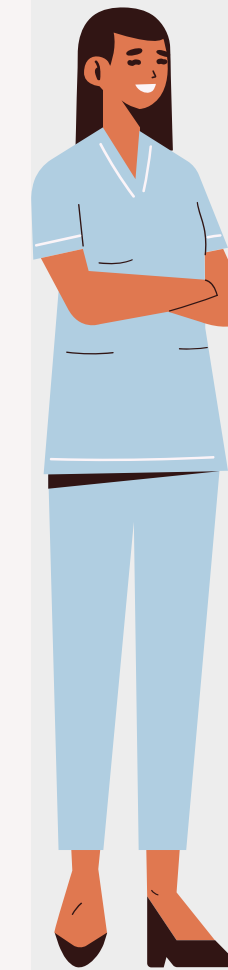
Participating in a clinical trial not only progresses much needed research, but gives patients access to these new innovative therapies years before the general population.



# Building Your Support System

You do not have to face your Myelofibrosis diagnosis alone.

- **Family and friends:** Help with child care, transportation, and house maintenance
- **Doctor and nursing staff:** Your primary cancer care and treatment team
- **Genetic specialists:** Find gene mutations and inherited cancer risk
- **Nutritionists:** Manage diet before, during, and after cancer treatment
- **Therapists:** Address the emotional effects of your diagnosis
- **Social workers:** Help with discharge planning and finding home health care
- **Support or advocacy groups:** Assist you with navigating the cancer landscape



# Finding Resources

Locating the appropriate resources may seem overwhelming. Thankfully, there are programs designed to help.

- Sign up for local cancer groups or Myelofibrosis specific groups to connect with other people going through a similar journey.
- Reach out to local patient advocacy groups to get connected to education, care, and financial programs as needed.
- Utilize your clinic or hospital's community resource manager or social worker to receive a tailored resource guide just for you.



## STEP 7: TAKE A STEP FORWARD

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# Take A Step Forward

Towards a positive outcome.

Be your own advocate and look for proactive options, such as clinical trials. Decide on a treatment plan and stay positive during your cancer journey. Know that there are resources and people around you who are willing to help.



MASSIVE BIO: WHO WE ARE

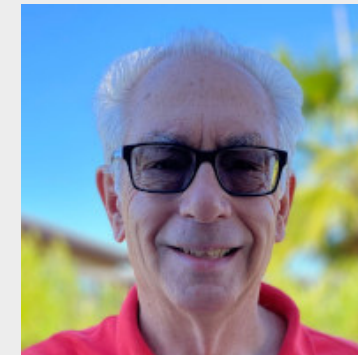
# Who We Are

At Massive Bio, our mission is to enable cancer patients to have equal access to cutting edge therapies and new-emerging clinical trials, regardless of their location and/or financial stability. We know each cancer diagnosis is unique and we deeply understand that each cancer type and stage require a distinct level of support and direction. Massive Bio works in collaboration with patients oncologists and cancer care teams, following the path of the patient to provide a compassionate, welcoming plan for them.



## Our Patient Advocates

Help You Access Myelofibrosis Clinical Trials



**Dr. Martin Marks, Patient Advocate**



**Fiona Evans, Lead Patient Advocate**



**Alaina Mannon, Patient Advocate**

# What We Do

Our Artificial Intelligence (AI) powered Clinical Trial Matching System connects patients and their treating oncologists to clinical trials according to their unique cancer case. We enlist dedicated patient advocacy and oncology medical staff to collect medical records and treatment history, and match patients to eligible trials near their home to limit travel. We provide full support throughout your enrollment process to ensure logistics are handled so you can concentrate on your health.

**JOIN NOW**



**SYNERGY-AI: Artificial Intelligence  
Based Precision Oncology  
Clinical Trial Matching and Registry**

Sponsor: Massive Bio

ClinicalTrials.gov Identifier: NCT03452774

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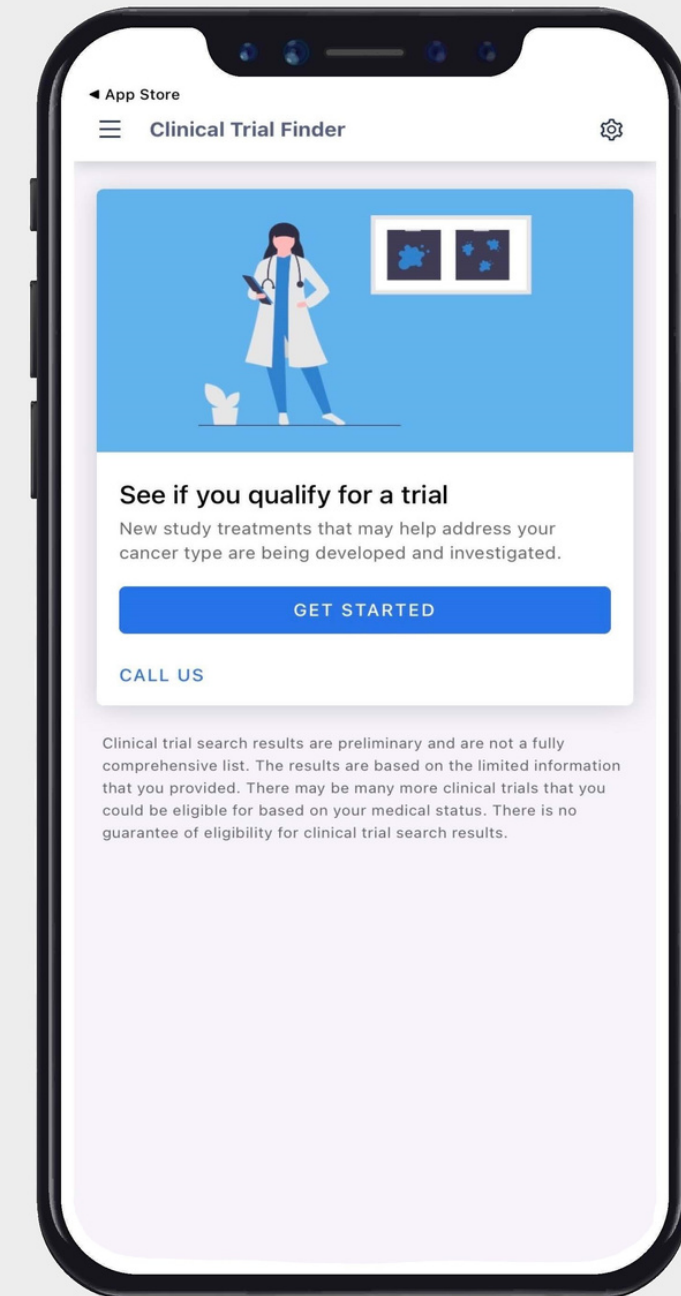
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# Download the SYNERGY-AI Cancer Trial Finder Mobile App

To find clinical trials that you may be eligible to enroll in. Get real-time notifications for your trial match results.

Take a picture of the QR code to download the app on the Google Play Store or App Store.



# Contact Information



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