

parts of a myeloproliferative neoplasm (MPN) diagnosis is dealing with the uncertainty. While you've learned more about your disease since being diagnosed, thoughts about what could happen next are always on your mind. As you continue to search for options that could be right for you, you may

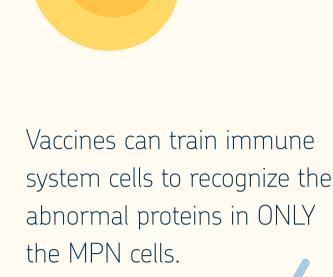
One of the most challenging

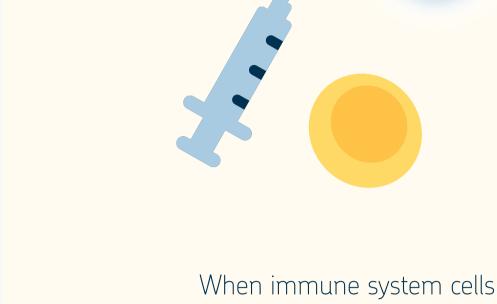
want to consider this research study of an investigational vaccine regimen for MPNs. The investigational vaccine

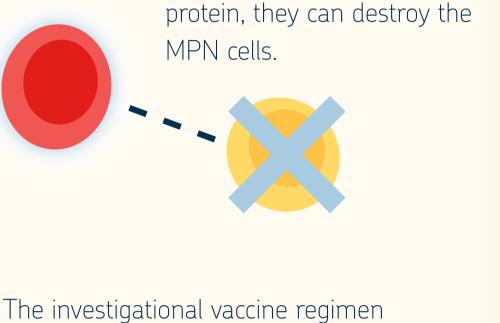
regimen is made up of two investigational vaccines that are administered at different time points. The investigational vaccines are oncologic vaccines and work similarly to a flu vaccine. While a flu vaccine trains your immune system to recognize and destroy the flu virus, an oncologic vaccine trains your immune system to recognize and destroy cancerous cells.

The safety and efficacy of the investigational vaccine regimen are being evaluated to determine if it helps your immune system attack the MPN cells in your body.

MPN cells have mutations that change the proteins only in these cells.







recognize the abnormal

MPN cells.



investigational vaccine regimen when

it is given alone or in combination with

an additional study medication that is

investigational vaccine regimen and

approved to treat other conditions. The

additional study medication have not been

approved by any regulatory health agency

and additional study medication are

being evaluated to determine if they

will increase the strength of the

immune system response.

to treat MPNs. Only people who have an MPN and participate in research studies like this one can receive the investigational vaccine regimen alone or in combination with the additional study medication. The results of this study will provide more information about the investigational vaccine regimen and whether it could one day be given to adults diagnosed with an MPN.

Who is eligible to participate in this study? To pre-qualify for this study, you must: Be 18 years of age or older Have been diagnosed with an MPN

What will happen during

Additional criteria will apply. Depending

on your location, all study-required visits,

tests, and medications will be provided at

no cost. You may also be reimbursed for

study-required travel.

this study? If you are eligible, you will receive the investigational vaccine regimen alone or

in combination with the additional study

medication. The investigational vaccine

regimen will be given as an injection in

your arm. If you receive the additional

study medication, it will be given as an intravenous (IV) infusion. You will receive a total of 9 injections and possibly 9 IV infusions over a 60-week period (1 year and 2 months). Your total participation in this study will last approximately 80 weeks (1 year and 7

months), which includes screening for

You will have 3 study injection/infusion

cycles. Each cycle will last approximately

eligibility, study injection/infusion cycles,

times to undergo tests and assessments to evaluate your health. Cycle 1 Week 0 Week 3 Week 9 Week 12

Cycle 2

Week 15

Week 18

Week 24

Week 27

Cycle 3

Week 36

Week 48

Week 60

15-24 weeks, and you will receive 3 injections. You could also receive 3 IV infusions in each cycle. The infusions will be given at the same time as the injections. Throughout the study, you will also be

asked to visit the study clinic up to 15

and follow-up.

marrow is taken. A biopsy collects a small sample of the bony portion of the bone marrow. Bone marrow aspirations and biopsies will be done under local

These biopsies will help study doctors

bone marrow cells and track how the

investigational vaccine regimen affects

anesthesia and will take about 15 minutes.

learn about how MPNs are affecting your

During this study, you will also undergo

bone marrow aspiration occurs when a

sample of the liquid portion of the bone

bone marrow aspirations and biopsies. A

these cells over time. What are the potential benefits and risks related to this study? You could receive some benefit from participation in this study, but that is not guaranteed. However, your study participation may benefit adults with MPNs in the future. You may also experience one or more side effects during this study. Prior to

you beginning the study, the study staff

will review all known study-related risks

and side effects with you. Additionally,

during your study participation, you will

and changes in your health.

be closely monitored for any side effects

The images depicted contain models and are being used for illustrative purposes only.

or disease. The purpose of a research study is to gather information about an investigational vaccine or medication.

Although participants in a research

study are not treated for their condition

About Research Studies

Participating in a research study is not

the same as receiving regular medical

care, which is intended to treat a condition

or disease, they are evaluated by study doctors and nurses who usually specialize in the condition being studied. This means study participants typically receive a high level of attention throughout a study. Using the information collected in research studies like this one, study doctors and regulatory agencies can determine if an investigational vaccine

or medication could one day be made available to the public. To conduct a research study, study doctors need volunteers like you. By participating in this study, you could help advance research for MPNs.

For more information about

this study, please contact

the study staff member who

provided you with a link to

this guide.

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