

Australian Marrow Failure Biobank

ACTRN12623000424606

Status	RECRUITING
Sponsor	Monash University
Enrollment	200 participants

Plain Language Summary

Bone marrow failure syndromes (BMFS) are rare but serious conditions where the bone marrow stops making enough blood cells. These include diseases like aplastic anaemia. Because they are rare, it is hard for researchers to gather enough samples and data to really understand how to best diagnose and treat them.

The Australian Marrow Failure Biobank (AMFB) is a national effort to collect blood and tissue samples from patients with these conditions across Australia, creating a shared resource for scientists and doctors. The biobank pairs with an existing national patient registry to build a more complete picture of these diseases and open the door to new research.

Anyone with a confirmed or newly suspected diagnosis of a bone marrow failure syndrome is welcome to participate — including children. Blood relatives of people with an inherited form of these conditions may also be invited to contribute samples. There is no age restriction. Participating means donating samples and allowing your data to be shared (anonymously) with researchers working to improve treatments for these conditions.

Key Eligibility Criteria

Inclusion (5)

- For individuals with BMFS:
- Established diagnosis of a BMFS or newly presenting diagnosis of BMFS
- Participant or substitute decision maker is willing and able to give informed consent
- Participant or substitute decision-maker is willing to participate in the Aplastic Anaemia and Other Bone Marrow Failure Syndromes Registry (AAR)
- Due to the inherited nature of these conditions, blood relatives of a person with an established diagnosis of an inherited BMFS or newly presenting diagnosis of an inherited BMFS are also invited to participate in the AMFB where indicated.

Exclusion (2)

- For individuals with BMFS:
- A verified medical diagnosis other than a BMFS (e.g. following chemotherapy or B12 deficiency)

Locations (5 total)

Monash Medical Centre - Clayton campus - Clayton, NSW,WA,VIC, Australia
Monash Children's Hospital - Clayton, NSW,WA,VIC, Australia
Peter MacCallum Cancer Centre - Melbourne, NSW,WA,VIC, Australia
... and 2 more locations

<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12623000424606>

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