FANCONI™ CANCER FOUNDATION

WHAT IS FANCONI ANEMIA?

Fanconi anemia (known as FA) is a genetic DNA repair disease that can affect every system of the body. FA affects both males and females equally and is found in all ethnic groups.

In people with FA, cells have less ability to repair themselves and as a result, errors in these cells will increase over time, causing cancer and often bone marrow failure.

That's why FA is now known to be a cancer-predisposition disease. A diagnosis of FA doesn't automatically mean cancer. However, it does indicate a significantly increased risk of developing cancer, typically occurring in adulthood (with leukemia typically occuring in childhood) .

While there is no cure yet, we've made incredible progress in research and outcomes for people with FA.

HOW DOES FA AFFECT THE BODY?

People with FA may experience any combination of these symptoms, ranging from one, to many.

Systems:

Developmental delays
Neurological issues
Hearing loss
Psychological issues

Esophageal issues

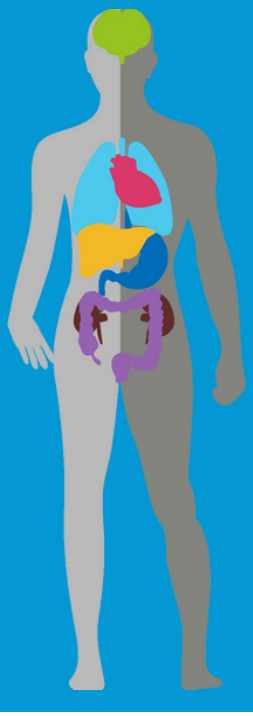
Heart malformations

Digestive difficulties
Liver issues

Kidney and urinary tract malformations

Hand, arm and thumb abnormalities

Reduced fertility
Malformations of reproductive organs



Whole body:
Abnormal blood counts
Bone marrow failure
Leukemia
Dermatologic issues
Hormone deficiencies
Short stature

Cancer predisposition:

With age there comes an elevated risk for:

Oral cancer
Throat cancer
Esophageal cancer
Anogenital cancer

We are still learning a lot about FA cancers. The cancers above are more common. Very rarely, people with FA have been diagnosed with liver, breast, and gut cancer.

RESEARCH CHANGES LIVES

Life expectancy has more than doubled

Cell transplant survival outcomes have skyrocketed

There is now a growing community of adults with FA living into their 30s and beyond

Research on FA cancers offers hope for creating new ways to diagnose, prevent, and treat these cancers in people with FA. It could also benefit those in the general population who have similar types of cancer but aren't necessarily linked to FA.

HOW FCF HELPS

We fund collaborative research projects that get to the root of the problem.

We build the path for prevention, early detection, and diagnosis.

We develop models to test new therapies.

We support clinical trials to move research into therapy.

We empower, educate, and support those affected.

We provide support to those diagnosed now.

HOW YOU CAN HELP

Whether through giving, volunteering, or spreading awareness, your support fuels research, provides resources, and offers hope to people affected by FA.

Together, we are paving the way towards better treatments and ultimately, a cure.

TO GIVE:

www.fanconi.org