Leukaemia boy saved — by baby sister

Couple conceives baby, so her umbilical cord blood can be used to treat dving son. Eighteen months later, he is well

TO GIVE their gravely ill son cal cord blood proved a lifeline to her brother, three-year-old Ryan, who received

conceived a second child to save him. Little Rachel Foo's umbili-

after other treatment efforts had failed.

That was 18 months ago. Now five, Ryan has started kindergarten and his leukamia is in remission, said the biotech company CyGenics vesterday, which operates Cord.life, a private cord-blood bank here that processed and stored the blood.

A Cord/life spokesman

after other treatment efforts

said they announced the transplant only now, because they wanted to be sure the cancer was in remission. Late in 2001, doctors had

Now five, Ryan has started indergarten and his leukania is in remission, said the relation of the remaining of the remaining the remaining of recovery, unless he between the processed and tored the blood.

A Cord Life spokesman in 20,000 chance of finding a non-related door.

made up their minds to have a chel's blood was shown to be a econd child to help Ryan.

Cord blood is a rich source

100-per-cent match for Ryan," said Dr Tan Ah Moy,

second child to help Ryan

An appeal through The Straits Times in Dec 2001 saw hundreds of donors come formature cells that can become a the K Women's can be compared to the compared to

Sne said: The hearthy cells from his sister re-populated in his bone marrow and revived his immune system, depleted by the chemotherapy and radiotherapy used to treat the leukaemia."

The first successful cord-blood stem-cell transplant

was done in France in 1988, to help a boy with a serious form of anaemia.

Here, the public Singapore Cord Blood Bank, where ba-bies' umbilical cord blood will be processed, frozen and stored, aims to set up its facili-ties and start freeze-storing cord blood by the last quarter of this year. It plans to build a registry of at least 10,000 samples, to help about 100 patients a year suffering from blood disorders.

Currently, over 2,500 peo-ple have stored umbilical cord blood in two private banks here, in case they or family members have need of it in the future. Only a handful have needed to use it so far for blood-related illnesses.

Donors can be charged sev-eral thousand dollars for ex-

traction, tests and storage.

As for Ryan, who has just started kindergarten, he is doing well now, said Mr Foo, an engineer. His mother, Wendy, 34 is a part-time accounting and clerical worker.

Although the disease cost him his sight in one eye, and he has trouble concentrating, it is nothing compared to the dark days when his life hung in the balance, Mr Foo said.

"We're still living day by day, and there's no guarantee he won't have a relapse. But our main aim is to make sure Ryan's happy, and nowadays we can more or less enjoy nor-mal family life."

Article Highlights:

- Ryan Foo; 3 years old. Diagnosed with acute lymphoblastic leukemia (ALL).
- Transplanted with younger sister's umbilical cord blood stored with CordLife.
- 18 months later: Leukemia in remission and Ryan has since started school.

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