

## Donate your natural probiotics, donate your stool

Every year, over 500,000 people in the world are infected by a toxic bacteria called clostridium difficile. Doctors around the world, including in the US and Europe, are using a new treatment from human-derived probiotics to treat c. difficile with very high cure rates. This treatment is called **Human Microbiota Transfer**.

In some hospitals in Hong Kong, the number of c difficile infections has tripled in the past 10 years.

**You can help sick patients by donating your stool. Stool contains the probiotic bacteria that can help.**

**Human Microbiota Transfer** (also known as fecal microbiota transplant FMT) is a therapy which transfers gut microbes from a healthy human donor to a patient. First, stool matter is collected from healthy donors. These donors are rigorously screened, even more strictly than blood donors. Second, the healthier probiotic bacteria are extracted and purified from the stool in a laboratory process. This gets rid of the fecal matter, separating waste from bacteria. Third, these healthy probiotic bacteria's are used by doctors and medical clinicians and implanted into the sick patient's colon.

Doctors have tested HMT in more than 23 clinical trials in the past five years, including studies associated with Harvard Medical School and Amsterdam Medical Center. These trials have resulted in cure rates of more than 85 percent for treating c. difficile infection. This is roughly 3x higher than the leading pharmaceutical alternative.

Why does this work? C. difficile infections often occur after a patient has taken a course of antibiotics. The antibiotics suppress the normal bacteria (microbiome) in the colon and allow C. difficile to produce toxins that cause diarrhea. The damage to the colon then causes bacteria to leak into the bloodstream. More than 30,000 people die from C. difficile-related diseases each year. And 1 in 5 patients find that the infection comes back when treated with conventional pharmaceutical drugs

### **Asia Microbiota Bank (AMB)**

Asia Microbiota Bank is a 'Bio Bank' which is collecting stool donations from healthy volunteers and using the probiotic bacteria to help sick patients. Similar to a blood bank or stem cell bank, we are a stool bank.

AMB started in 2016 by a group of entrepreneurs, doctors and scientists. Our office and laboratory is located in Central, Hong Kong Island.

### **How you can help**

You can help to save the lives of hundreds of people by **becoming a stool donor**.

To become a donor, you should be between the ages of 18-50 years old during the donation period, have your **Body Mass Index** (BMI) less than 30, have a healthy digestive system and have not taken any medicines or antibiotics in the past 3 months.

### **How does it work?**

- 1. Join our Donor Program – Go to [www.asiabiobank.com](http://www.asiabiobank.com)**
- 2. Complete the **Online Questionnaire Survey****
- 3. Follow up on Phone Interview**
- 4. Undergo Blood and Stool Screening**
- 5. Donate Stool**
- 6. Sign a Written Consent for submitting stools at least 3 times a week for consecutively 3 months**

As an appreciation and compensation for your commitment, donors will receive HKD 200 for every stool donated – that could be 6200 a month!

The donation will not pose any risk to your health.