

Slide 1



Slide 2

Lactobacillus Bacteremia

- A condition where strains of lactobacillus are found in the blood stream
- Lactobacillus bacteremia primarily associated with an underlying disease such as ulcerative colitis or with immunosuppression
- L. rhamnosus is the most common strain found, with L. casei, L. fermentum, L. gasseri, L. jensenii
- Most research is case study based
- Corticosteroids, immunosuppressive drugs, antibiotics,
- **While rarely fatal in itself, lactobacillus bacteremia identifies patients with serious and rapidly fatal illness**

Slide 3

Lactobacillus Bacteremia

- Finish study found increased probiotic use has not led to an increase in Lactobacillus bacteremia
- No evidence that the lactobacillus strains are causing any harm
- Most of the research that exists just acknowledges that it is there
- It also not being blamed on excessive probiotics
- Most are speculating it is due to the nature and issues of the pre-existing condition and usually sepsis is involved

A microscopic image showing several red blood cells (erythrocytes) and some smaller, darker, irregular shapes that could be bacteria or other cellular components.

Rhamnosus GG as a supplement entered the market place in Finland in 1990 The average incidence was 0.3 cases/100,000 inhabitants/year in 1995-2000 in Finland.