

Transfer Factor™ Fact Sheet for Healthcare Professionals

Definition: Transfer factors are small proteins that “transfer” the ability to express cell-mediated immunity from immune donors to non-immune recipients. -Molecular Medicine, 6 April, 2000

History: Discovered and named in 1949 by Dr H Sherwood Lawrence while studying Tuberculosis.

Research: Over 3,000 medical papers have been written on transfer factors and greater than \$40 million spent on research in the past 55 years. For most recent research –2008 PDR for Nonprescription Drugs, Dietary Supplements & Herbs, pg 689. *The Journal Of Immunology, Feb, 2004, Munz & associates report on NK Cell study at NY Rockefeller University showing that most NK cells require nurturing & activation (which TF does).*

Worldwide Acceptance: Continues to be studied and used worldwide. -See European web site for the International Transfer Factor Society www.med.unibo.it/itfs and search Transfer Factor & ____ on www.PubMed.gov

Uniqueness: Stands alone as Mother Nature’s intelligent immune system support. There is nothing else like it in its ability to educate, boost or balance the immune system as needed. A 2003 Independent Blind Study showed that “Transfer Factor EX-F Plus®”(from 4Life Research) boosts Natural Killer (NK) cell activity higher than any other known immune support compound – 437% above baseline.” NK cells are our first line of defense against anything they detect as ABNORMAL or “NON-SELF”.

Structure: Peptides of approximately 44 amino acids containing immune memory and intelligence.

- Structurally identical in all species – so are not species-specific, but can be taken from one species and given to another with great immune benefits.
- Contains information (like a computer chip) about everything the donor species (cow or chicken) has been exposed to - thousands more organisms than humans are normally exposed to.

Latest Technology: Patented ultra-filtration process extracts transfer factor molecules from cow colostrum and/or egg yolks. It is then encapsulated for oral consumption. It is also now possible to target specific organisms with transfer factors. Prior to 1988, transfer factors were extracted from blood. This involved higher risks, was more expensive & more invasive, as it was administered by IV or by injection.

Safety / Side Effects: In a 25 year study on the safety and effectiveness of transfer factors, side effects were never observed and complete safety was established. – See 1999 abstract “25 Years of Clinical Experience With Transfer Factor” at www.med.unibo.it/itfs. There are also no known drug interactions with Transfer Factor. Contraindicated for those with 1.) organ transplants, and 2.) in early pregnancy, due to lack of research.

- FDA approved bovine colostrum for human consumption in 1980. Both colostrum and TF fall into the GRAS category (“Generally Recognized As Safe”) as they are food products.
- Safe for all ages. Designed by the Creator for the newborn. Made BY the immune system FOR the immune system!
- Little or no possibility of an allergic response because all larger molecules (lactose & antibodies) are removed by the ultra-filtration process – leaving only the purified transfer factors.
- In rare cases a flu-like response may occur when the immune system begins to kick in. This is temporary and is a POSITIVE SIGN that the immune system is waking up to do its job.

Clinical Uses of Transfer Factors:

“Transfer factors have been shown to be immune modulators, effective in providing immune system support for people with cancer, immune disorders and infections.”

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For Dr. Duane Townsend’s perspective on the importance & efficacy of transfer factors, go to:

www.AskDrTownsend.com, click on Prevention to read Chapter 16 from his latest book.

For Dr. Bock: www.RhinebeckHealth.com, click on article Clinical Uses of TF and articles about Autism

For More Research & Doctors’ Comments: www.Immunehelp4life.com

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