

To All Spring 2007 DAN! Attendees:

It was a pleasure for us to attend the Spring 2007 Defeat Autism Now (DAN!) conference in Alexandria, Virginia. We would like to thank the many doctors and parents for stopping by our booth and allowing us the opportunity to share information and experiences with you. The response we received from so many of you was overwhelming and heartfelt, and we sincerely appreciate the wonderful feedback.

As you now know, PhosChol is the most highly concentrated and the only 100 percent purified source of polyenylphosphatidylcholine (PPC). It is also the richest source of 1,2 dilinoleoylphosphatidylcholine (DLPC), the active ingredient responsible for its superior therapeutic efficacy. No other phosphatidylcholine product can compare to PhosChol in purity, safety, efficacy, and price.

PPC/DLPC has been thoroughly investigated in several diseases, especially in liver disorders, dyslipidemia and atherosclerosis, diabetes associated sequelae, and gastrointestinal inflammation, but also in skin disorders, renal and lung disorders, gestosis, and neurological changes. Overall, more than 400 clinical studies involving nearly 15,000 patients and more than 1,000 pharmacological investigations have been conducted using PPC.

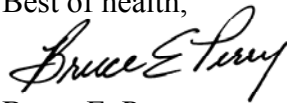
By administering a therapeutic dose of PPC and especially its main active component 1,2 Dilinoleoylphosphatidylcholine (DLPC), the high energy structural and functional elements of all biological membranes (e.g. of cells, blood corpuscles, lipoproteins, surfactants), are incorporated preferentially and are of critical importance for/as:

- cellular differentiation, proliferation and regeneration
- activity and activation of membrane-bound proteins such as of enzymes (e.g. of Na<sup>+</sup>-K<sup>+</sup>-ATPase and lipoprotein lipase) and of receptors (e.g. of insulin)
- transport of molecules through membranes
- membrane-dependent metabolic processes between the intracellular and intercellular space
- donator of polyunsaturated fatty acids (PUFA) as precursors of eicosanoids
- source of second messengers in cell signaling (e.g. of diacylglycerol)
- phosphate donator (e.g. for ATP formation)
- fat emulsification in the gastrointestinal tract and as an emulsifier in the bile
- erythrocyte and platelet aggregation
- immunological reactions on the cellular level

We currently have two clinical studies in progress. Dr. Steven H. Zeisel, MD, PhD and the University of North Carolina Chapel Hill are conducting a study on **prenatal and post partum neurological development and cognitive response**, and Dr. Martha M. Grout, MD and the CrossRoads Institute, are conducting a study on **healing “leaky gut” and other autism related symptoms**. Final results for the UNC study are expected September 2007.

Please do not hesitate to contact us should you require any information or have any questions regarding the administration and biological activity of purified polyunsaturated phosphatidylcholine in diseases. We will be happy to assist you.

Best of health,



Bruce E. Perry

Most Frequently Asked Question at the DAN! Conference.

Q: How much PPC is in PhosChol?

A: PhosChol provides a 100 percent purified source Polyenlyphosphatidylcholine (PPC). It is the only orally available PPC product on the market. There are absolutely no other phospholipids in PhosChol that could compete for absorption and lower the therapeutic value of the primary active ingredient. Only PhosChol can deliver a therapeutic dose of 1,2 dilinoleoylphosphatidylcholine (DLPC) the main active component in PPC.

Q: Does it come in a liquid form?

A: Yes. PhosChol comes in an 8 oz. and 16 oz. bottle. An 8 oz. bottle contains 48 teaspoons. The average dose for a child under 80 pounds is approximately 1/2 teaspoon.

Q: How does the liquid taste?

A: There are no flavor additives in PhosChol. The liquid has a medicinal nutty flavor. It is certainly a flavor that if needed, one can acquire a taste. You can also mix PhosChol Liquid with an acidic juice or smoothie, oatmeal, applesauce etc.

Q: How much should I give my child?

A: The recommended adult dose is 1.8 grams to 2.7 grams per day or roughly 2 to 3 grams. This equates to 2-3 capsules per day or 2/3 to 1 full teaspoon per day. For children under 80 pounds we recommend 1 gram to 1.5 grams per day or 1 to 2 capsules and 1/3 to 1/2 teaspoon per day. One capsule contains 900 milligrams of PPC and one teaspoon contains approximately 3,000 milligrams of PPC. For best results we also recommend you split the dose in half and administer once in the morning and once in the evening.

Q: PhosChol is derived from soy, are there any problems with soy allergies?

A: No. The reason for this is the level of purity of PhosChol. Because PhosChol is so highly purified there are no residual soy proteins remaining in the preparation.

We have had this question many times and to date we have not had any reports of an allergic reaction. If a parent is comfortable trying PhosChol, we do not hesitate to tell parents to try a small amount to determine if PhosChol is fine for their child. We will be happy to send you a small sample to try at no cost if this is a potential concern.

Q: Are there any side effects?

A: PhosChol is very safe. The primary active ingredient PPC/DLPC has been used successfully for over 40 years, has been subjected to more than 400 clinical studies with approximately 15,000 patients and over 1,000 pharmacological investigations with no known side effects, contraindications, or interactions being reported. At extremely high doses or in the case of very sensitive bowel, flatulence, soft stool and/or diarrhea has been reported.

For a more complete list of Frequently Asked Questions, go to [www.phoschol.com/faqs/](http://www.phoschol.com/faqs/)