

Illustrative treatment scene. Not actual Biologix patients or equipment.

UNDERSTANDING TPE

Therapeutic Plasma Exchange

at Biologix Center

TPE is now available at Biologix Center in Franklin, Tennessee. This guide explains the procedure, its Alzheimer's research and the treatment decisions to review with the clinical team.

What does plasma exchange do?

Therapeutic plasma exchange separates plasma from blood cells. Removing plasma can remove circulating antibodies and other proteins. The blood cells are returned with replacement fluid selected for the clinical situation. [R1]

01 How TPE works

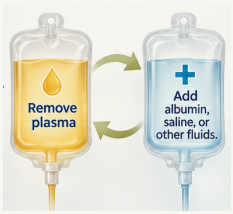
SEPARATE. EXCHANGE. RETURN.

01 Separate



Blood passes through a treatment system that separates plasma from the blood cells.

02 Exchange



The separated plasma is removed. The clinical plan determines the replacement fluid.

03 Return



The blood cells return to the body with replacement fluid. The procedure requires clinical monitoring.

Simplified process overview; not a depiction of Biologix's equipment. [R1, R4]

Why is TPE being studied for Alzheimer's?

Researchers have studied plasma exchange with albumin replacement in people with mild-to-moderate Alzheimer's disease. The studies examine whether this approach can slow changes in everyday function and cognition. [R2, R3]

In the AMBAR randomized trial, the pooled treatment groups had less decline in everyday function than the sham-procedure group at month 14. The main cognitive comparison showed a trend but did not reach conventional statistical significance. [R2]

AMBAR used a defined course of weekly exchanges followed by monthly treatment. Its findings do not establish a cure, predict an individual result or determine Biologix's schedule. The study was sponsored by Grifols. [R2]

TPE and IVIG have different roles

IVIG, or intravenous immunoglobulin, is an infusion containing antibodies from healthy donors. It is separate from plasma exchange. Some research protocols include it. Ask whether it is recommended in your plan, why it is included, and how it affects the appointment, risks and cost. [R2, R5]

02 Planning your treatment

BEFORE. DURING. AFTER.



Illustrative treatment scene. Not actual Biologix patients or equipment. Actual treatment details are individualized.

01

Before treatment

Discuss your diagnosis, previous treatment, current medications and other health conditions with the clinical team. The review establishes suitability and any required evaluation or testing. Before booking, review the proposed course and complete cost.

02

During the appointment

TPE is performed through venous access with clinical monitoring. Your team explains the access method, replacement products and what to expect. Confirm the total appointment time, including preparation and any observation. [R1, R4]

03

After treatment

Review the individualized aftercare instructions provided by the clinical team, the contact route for concerns and the recommended follow-up. Ask how response will be assessed before additional sessions.

Understand the risks

TPE can cause low blood pressure, changes in blood minerals such as calcium, allergic or other reactions, bleeding, infection and problems related to venous access. Some complications can be serious. Review your individual risks, alternatives, replacement products and any separate IVIG risks with the responsible clinician. This is a general overview, not a complete risk list or a consent form. [R4]

AN INFORMED NEXT STEP

Considering treatment together

A family member or support person can help organize questions. Sharing records and joining clinical decisions follow the patient's wishes and the appropriate permission or representative process.



Biologix Center clinic photography

Review the full commitment

Request an estimate for the complete recommended course, including evaluation, required testing, plasma exchange, replacement products, IVIG when recommended and follow-up. Confirm what is included, what is charged separately, the appointment schedule and payment terms before making treatment or travel arrangements.

Ask About TPE

(855) 323-6672

biologixcenter.com/contact

An inquiry does not confirm eligibility or reserve treatment. Use the team's secure instructions for medical records. Keep your existing clinicians involved.

Sources

[R1] National Cancer Institute. Plasma exchange.

[R2] Boada M, et al. AMBAR primary results. Alzheimer's & Dementia. 2020;16:1412–1425. doi:10.1002/alz.12137.

[R3] Taragano F, et al. Therapeutic plasma exchange in Alzheimer's disease. Journal of Alzheimer's Disease. 2025;108:129–141. doi:10.1177/13872877251375430.

[R4] UCLH / National Hospital for Neurology and Neurosurgery. Plasma Exchange Service at NHNN.

[R5] National Cancer Institute. Intravenous immunoglobulin.

Educational overview, not procedure consent or individualized preparation/aftercare instructions. For a medical emergency, call emergency services.