



Barbara Rinehart

SERVICE CASE STUDIES

My responsibilities were:

- Worked with university marketing department and lead author to identify content
- Reviewed case files from cardiology department
- Research topic and wrote first draft of article

Case report

Cardiac amyloidosis and severe congestive heart failure treated with high-dose melphalan and autologous peripheral blood stem cell transplantation

K. Mangan

Bone Marrow Transplantation Program, Temple University Cancer Center, Temple University School of Medicine, Philadelphia, PA, USA

Summary:

A 40 year old woman with AL amyloidosis, and severe congestive heart failure due to amyloid heart disease, was successfully treated with high-dose melphalan (200mg/m²), and autologous peripheral blood stem cell transplantation (APBSCT). Standard-dose melphalan and prednisone had been only partially successful, and had failed to prevent progression of her cardiac disease. Treatment with high-dose melphalan was instituted when the patient's left ventricular ejection fraction was

1

cardiac
evidence
cardiac
in which
amyloid P,
ands for
osis),
mbines
phalan
ly 1 to 2
sis, and
esses the
cen used
s been
igh-dose
order.

row
case
nd
of
e high-
ent.
ailure was
uration,
In
onary and
eft
horses
irate
positive
nyloid in
me,
DH and

2

3