AICOG 2025
Mumbai
67th All India Congress of Obstetrics & Gynaecology
FOGSI celebrates 75 years – Diamond Jubliee
8-12 January, 2025 | JIO World Convention Centre

Poster Number: EP 151 **Name**: Dr RISHABA SRI D

Title: From Battle to Blessing:A Case Study On Successful Pregnancy Outcome Post Lymphoplasmocytic Lymphoma

Introduction: Lymphoplasmacytic lymphoma (LPL) is a **rare** indolent type of incurable B-cell malignancy.
Incidence: 3-7 million/year with a male predominance, usually presenting at >60yrs
Objective: Aim is to outline best practices for managing antenatal women post LPL chemotherapy and to ensure optimal maternal and fetal health outcomes .

May 2022

BMB: Trilineage hematopoiesis, megaloblasts, plasma cells, positive IHC for glycophorin, CD138 and CD20

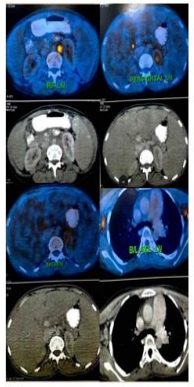
PET CT: Stage 4 lymphoma with Supra and infra diaphragmatic LN groups with involvement of spleen and probable involvement of liver and Bone marrow

March 2023

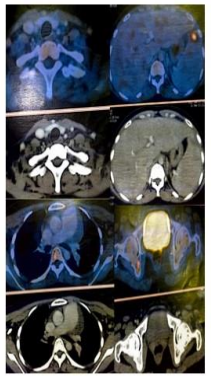
BMB: Erythroid hyperplasia, megaloblastoid changes, adequate megakaryocytes, CD138 +ve plasma cells.

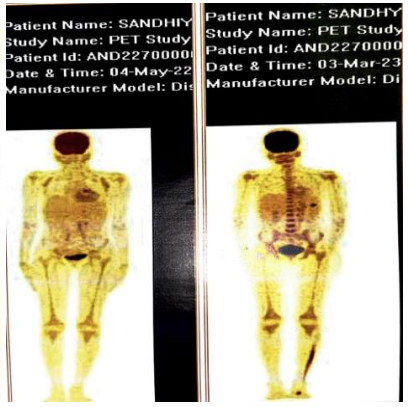
PET CT: Systemic Involvement with partial resolution in Lymph Node(LN) but persistent and new activity in spleen and skeletal system features of Progressive Disease

PET CT MAY 2022



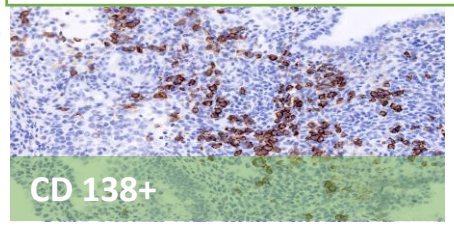
PET CT MARCH 2023

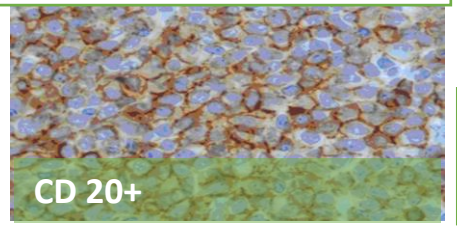




Case: A 28 years old,G4A3,GA of 36wks+5d, known case of LPL stage 4c, post chemotherapy, severe Tricuspid Regurgitation(TR) and pulmonary hypertension(PHTN), Anti Cytoplasmic Antibodies 3+,had come for safe confinement of pregnancy.

- The patient,married for 4 years, had multiple challenges, including spontaneous abortions (2020, 2023) and a medically induced abortion in 2022 during chemotherapy.
- In Jan 2024, she conceived again. She experienced thrombocytopenia,DCT +,hypergammaglobulinemia, and severe TR, PHTN on ECHO requiring multidisciplinary care.
- At 36+5 weeks, she was admitted and induced at 37 weeks due to FGR and oligohydramnios.
- Platelets were transfused, and labor was closely monitored .
- Delivery was expedited by prophylactic vacuum extraction, resulting in a live,term,boy baby(1.97 kg).
- Atonic postpartum hemorrhage was managed with a SR cannula, cryoprecipitate, and FFP transfusion.
- Postpartum evaluation showed stabilization without further bleeding, platelet recovery to 1.15 lakhs.





Discussion: This case highlights managing a high-risk pregnancy,post LPL with maternal thrombocytopenia heart disease and atonic PPH. Prompt intervention with a SR cannula and blood products stabilized the patient after PPH. Careful planning and monitoring ensured maternal recovery and fetal well-being.

Conclusion: Personalized care and multidisciplinary coordination are essential in high-risk obstetrics.

- Advances in imaging, pharmacotherapy and supportive care improve outcomes, though challenges remain. Low-dose chemotherapy may be viable in later trimesters in active disease.
- Counseling, support groups and mental health services ensure holistic care.

Investigations	15/10/24	17/10/24	18/10/24	19/10/24
Hb (g%)	13	13.6	13.5	13.1
TC(cells/mm3)	5800	7600	10500	11500
Platelet(lakhs/mm3)	0.98	0.82	0.86	1.15
PT/INR	17.5/1.5		19.2/1.68	22.1/2.06
aPTT	36		39	37.3

Peripheral Smear-Normocytic Normochromic RBCs,Normal in count.WBC normal in count and distribution and morphology,MPC-1lakh/mm3 ,DCT-Negative

REFERENCES: 1.Williams Haematology 2.Williams Obstetrics,3. Aikaterini-Gavriela Giannakaki, Maria-Nektaria Giannakaki, Efthymios Oikonomou, Konstantinos Nikolettos, Bothou A, Kotanidou S, et al. Leukemia in pregnancy: Diagnosis and therapeutic approach (Review). Molecular and Clinical Oncology. 2024 Aug 21;21(5).4. Cubillo A, Morales S, Goñi E, Matute F, Muñoz JL, Pérez-Díaz D, et al. Multidisciplinary consensus on cancer management during pregnancy. Clinical and Translational Oncology. 2020 Nov 16; **CONFLICT OF INTEREST-NONE**

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