

A Leap of Hope with LEEP

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INTRODUCTION

In Current era of exponentially increasing cases of CIN in young females ,traditional methods of treatment have failed to give pregnancy .Hence the need to treat these patients and preserving fertility has become utmost important. INCIDENCE OF CIN-1.3 to 2.7/1000 pregnancies

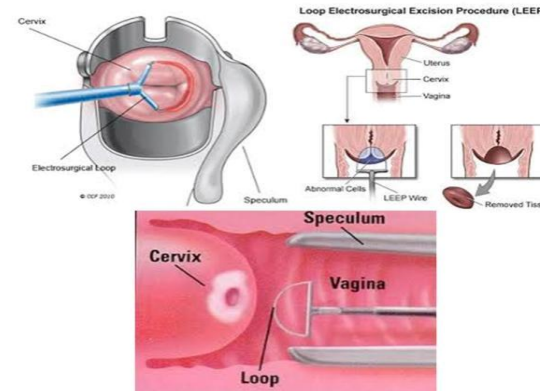
AIMS / OBJECTIVES

AIMS: To report a case of Cervical HSIL treated with LEEP for preservation of fertility, its effect and outcome in pregnancy .

MATERIALS / METHODS

Mrs. x, 32 years,P1D1 female came to our hospital with presenting complaint of post coital bleeding since May20 23.She was evaluated outside with pap smear which turned out to be HSIL . She was advised hysterectomy, for same. Repeat PAP smear[LBC] – s/o – HSIL

We counselled her that she can avoid hysterectomy and can undergo fertility preserving conservative procedure LEEP and try for pregnancy post surgery. LEEP procedure was done on 12th July 2023. HPE – MINIMAL FOCAL SQUAMOUS EPITHELIAL ATYPIA Patient underwent IUI but failed. .Hence patient was advised to plan for pregnancy and undergo IVF as soon as possible .Post op 4 months her first IVF cycle was done ,ET done on 25/11/23 and was successful with twin pregnancies.Fetal reduction was done on 31/01/24. since Early TIFFA s/o– Cervical incompetence- fetal reduction done on 31/1/24 .After TIFFA scan ,cervical encirclage done on 26/3/24 along with biopsy for cervical polyp- HpE – Benign endocervical polyp. .She underwent LSCS ON 18/7/2024 successfully. delivered single live fetus **Follow up after 6weeks LBC negative Further followup with LBC and HPV DNA after 6months advised.**



RESULTS

We were able to achieve successful pregnancy with IVF post eradication of premalignant lesion .

CONCLUSION

As evident ,LEEP became a Leap of Hope for this couple .With advent of technology and better treatment modalities for preinvasive conditions of cervix, fertility can be preserved, hysterectomy can be avoided along with multidisciplinary approach

REFERENCE

Junita indarti Dept of obgy ,universitas INDONESIA 2021 successful pregnancy outcome after LLETZ in women with CIN.

