

**THE IMPACT OF POSITIVE PERITONEAL CYTOLOGY
ON THE SURVIVAL OF PATIENTS TREATED FOR
ENDOMETRIAL CANCER**

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INTRODUCTION

- **1st GTM IN WESTERN COUNTRIES**
- **3rd GTM IN DEVELOPING COUNTRIES**
- **SURVIVAL f(STAGE AT DG)**
- **STAGE IIIA=PPC; ADNEXA; SEROSA**
- **VALUE OF PPC CONTROVERSIAL**

OBJECTIVE

- **IMPACT OF PPC ON SURVIVAL**
- **OF PATIENTS TREATED FOR**
- **ENDOM CANCER**

METHODS-1

- **TYPE: RETROSPECTIVE / LONGITUDINAL**
- **RECRUTMENT: 1980-1993**
- **FOLLOW UP: 5 YEARS**
- **INSTITUTIONS: UTHGENEVA (Gyn&0bst;RAD)
ISPM (GCR)**
- **POPULATION TT 295**
- **POPULATION INC 170**
- **INCLUSION: SURG+RAD**
- **EXCLUSION: NO PC; HIST-Ca ; OUT GENEVA**

METHODS-2

- **VARIABLES:**

- ***UTHG* : AGE,CIVIL STATUS,PRIOD OF DG,GRADE,MYO INV,TYPE SURG,TYPE RAD**
- ***GCR* : VITAL STATUS,DATE &CAUSE OF DEATH OR DEPARTURE**
- **ASSESSMENT**
- ***O.SURV*: STAGE I ; IIIAcytol ; IIIAhistol**
- ***S.SUR*: IIIAcytol / IIIAhistol; I / IIIAcytol**

METHODS-3

STATISTICAL ANALYSIS

- **SURVIVAL :**
KAPLAN MEIER ; LOG RANK TEST
- **EFFECT OF PPC:COX REG HM**
- **SOFTWARE:SPSS**
- **SIG: P<0.05**

RESULTS-1

- **ANALYSED: 170**
- **STAGE :**
 - I: 112; IIIAcytol :17; IIIAhistol :18**
- **AGE: 65(33-81)**
- **MYO INV +50%:**
 - IIIAcyto 53% Vs 73% IIIAhistol**
- **GRADE 1:**
 - IIIAcytol 57% Vs 38% IIIA histol**

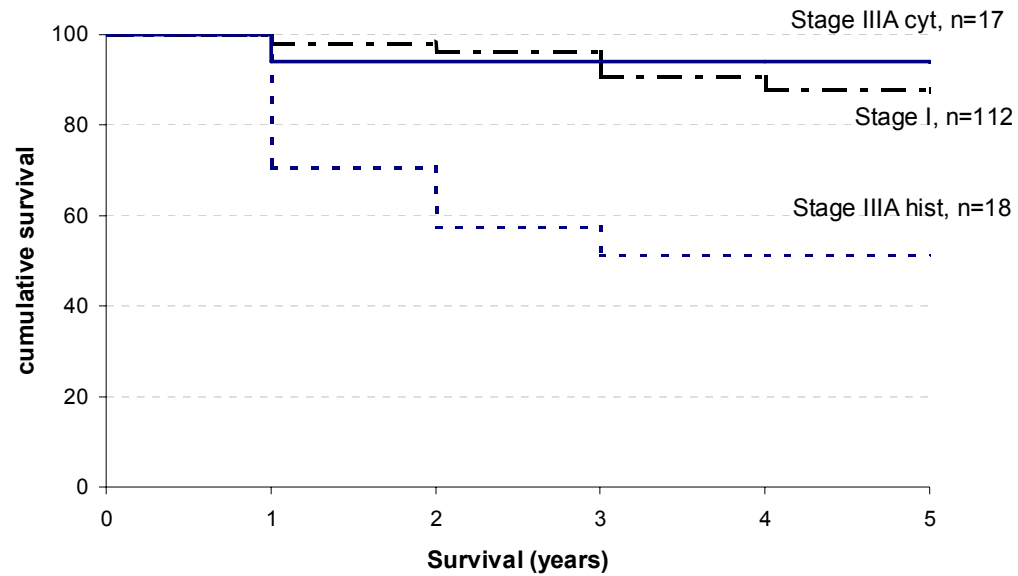
RESULTS-2

5 YEARS SURVIVAL

Stage	Ca	†Ca	mFU_p (Days)	OS	DSS
I	112	14	1825	85%	88%
II	14	8	1176	36%	43%
IIIAcyt	17	1	1825	94%	94%
IIIAhisto	18	8	1048	44%	51%
IIIB+	9	5	1224	44%	44%

RESULTS-3

Disease specific survival after endometrial cancer



RESULTS-4

HR OF DEATH FROM ENDOM CA BY STAGE

Stage	HR	95%CI:
I	1	-
II	3.2	1.2-8.6
IIIAcyt	0.3	0.3-2.0
IIIAhist	2.7	1.0-7.7
IIIB+	3.5	1.2-10.4

DISCUSSION-1

S. Stage IIIA cytol # S. Stage IIIA histo

Study	Surv	IIIAcyt	IIIA hist	P
Preyer & al 2002	5yDFS	64.3% (31)	38.4% (36)	=0.05 (RR:1.67)
« Tebeu &al. »	5ySS	94% (17)	51% (18)	<0.05 (RR:1.84)

DISCUSSION-2

S₁. Stage IIIA cytol = **S₁**. Stage I

Study	Surv	III_{Acyt}	I	P
Morrow & al 1991	5yDFS	65%	96%	<0.05
Obermair & al 2001	3yDFS	67% (13)	96% (356)	<0.05
Kadamatsu & al 2003	3yDFS	90% (48)	94% (232)	NS
« Tebeu & al. »	5ySS	94% (17)	88% (112)	NS

CONCLUSION

- **STAGE IIIA = 2 Diff SUBSETS**
- **PPC: NO PRONOSTIC SIGNIFICANCE**
- **PPC UPSTAGES THE Stage I En Ca**
- **1988 FIGO REVIEW OF STAGE IIIA?**
- **NEED OF ADDITIONAL STUDIES**

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- **DPT RAD THER UTHG**
- **GCR ISPM**
- **GENEVA-YAOUNDE COOPERATION**
- **WHO/GFMER**
- **DEARS TEACTHERS**