



**Riedgletscher VS
Switzerland**

Local Anesthesia for Surgical Abortions

FIAPAC

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www.seidenberg.ch

Local Anesthesia for Surgical Abortions

Deaths by induced abortion at ≤ 12 weeks' gestation

Peterson et.al. 1981

Cause of † and type of anesth.,	No. of †	No. of procedures in 100'000	Death-to-case-rate	Death-to-case-rate (95% CL)
Anesthesia-related				
1972-1977	15	5'100'000	0.29	0.16 - 0.48
Local A	5	3'370'000	0.15	0.05 - 0.35
General A	10	1'730'000	0.58	0.28 - 1.06
Nonanesthesia-related,				
1974-1977	24	3'980'000	0.60	0.39 - 0.90
Local A	9	2'660'000	0.34	0.15 - 0.64
General A	15	1'320'000	1.14	0.64 - 1.87

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Local Anesthesia for Surgical Abortions

Osborn et.al. 1990: General Anesthesia, a Risk Factor for Complication following Induced Abortion?

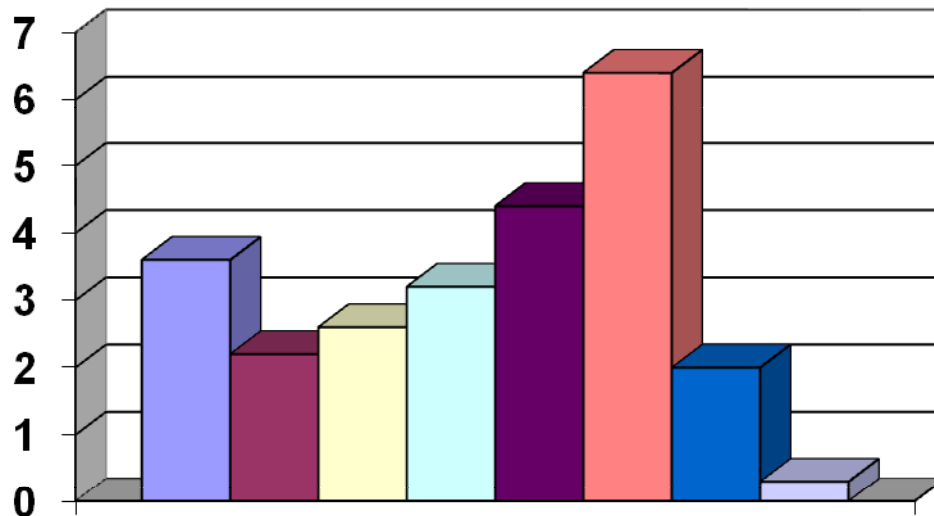
N=	10'000	
Komplikationen	199	2%

Odds Ratio für Localanästhesie vs Allgemeinnarkose

Blutung	4.6	95 % CI, 2.2-9.5
Perforation	1.3	95 % CI, 0.78-2.2
Andere Komplikationen	1.6	95 % CI, 1.0-2.6
Alle Komplikationen	1.8	95 % CI, 1.4-2.5

Local Anesthesia for Surgical Abortions

Schmerz von 0-10



- Menstruationsschmerzen
- Schmerz durch Infusion
- Schmerz durch Speculum
- Schmerz durch Infiltration
- Schmerz durch Dilatation
- Schmerz nach Operation
- Schmerz nach 1 Stunde
- Schmerz beim Ausgang

Aus der Dissertation von Nathalie Ambassa Mballa 2007

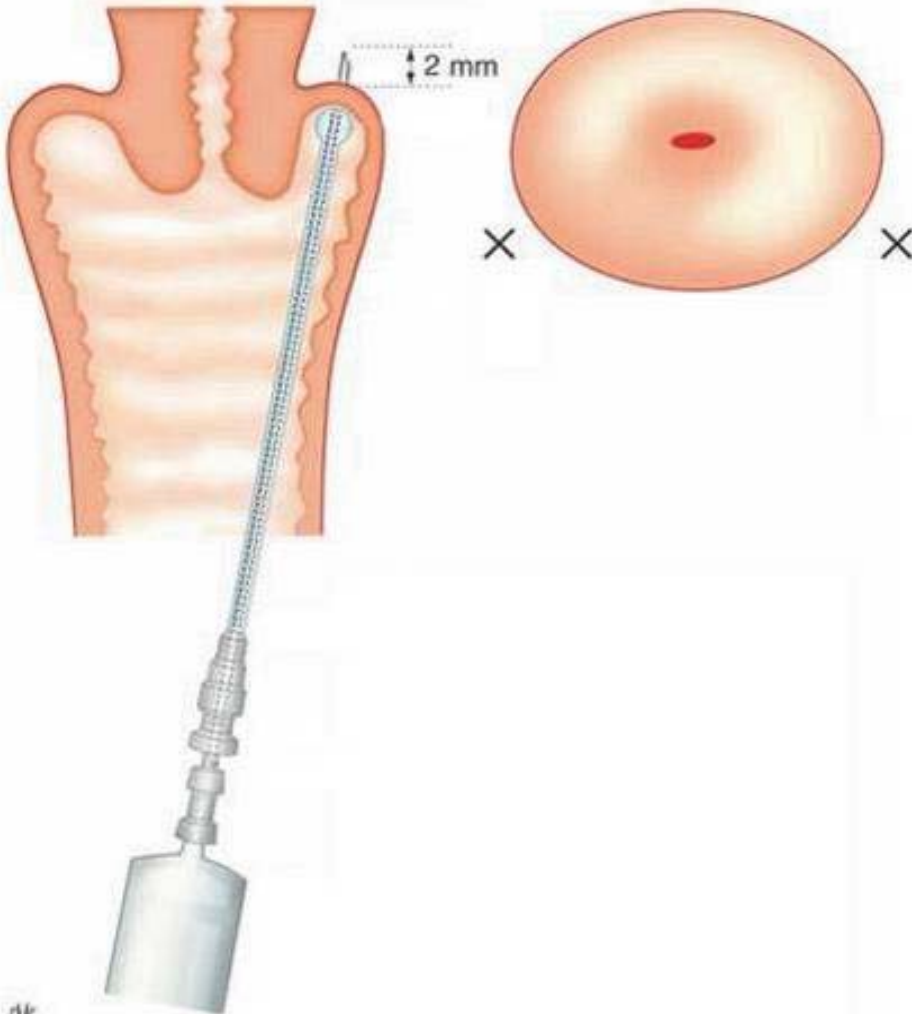
Local Anesthesia for Surgical Abortions



*Spritze
mit
zwei
Finger-
ringen*

Sanitex

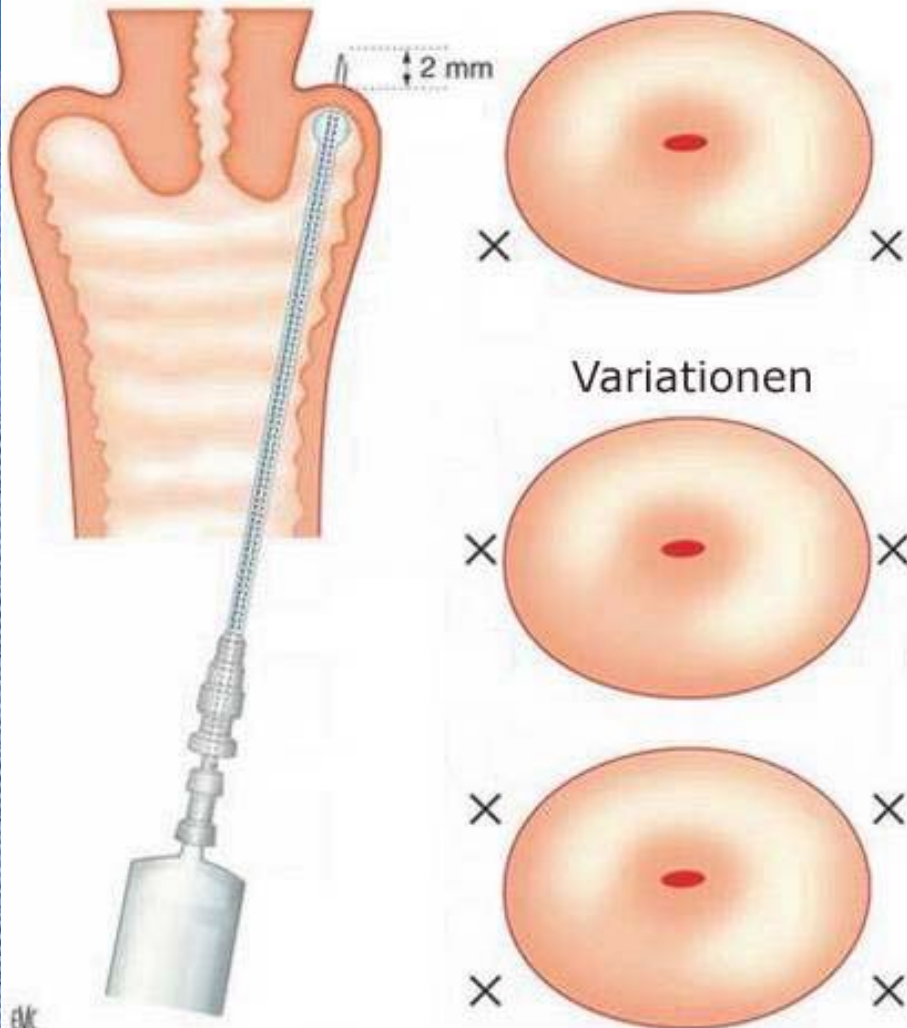
Local Anesthesia for Surgical Abortions



*Paracervicale
Infiltration*

Paracervicalblock

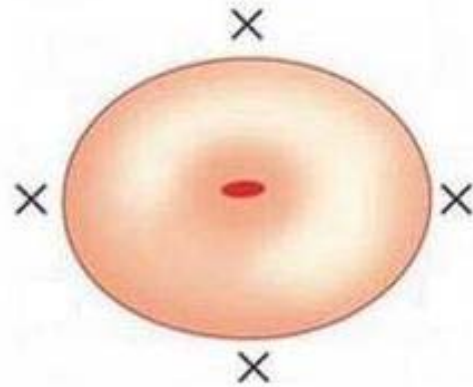
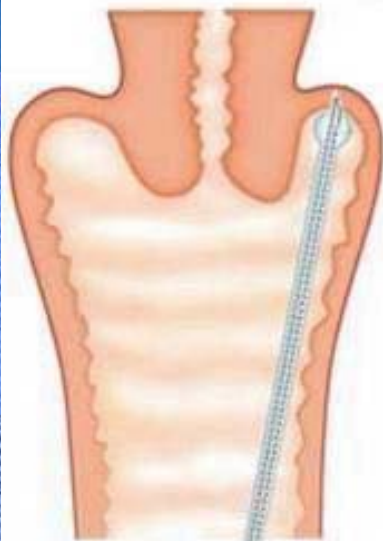
Local Anesthesia for Surgical Abortions



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Local Anesthesia for Surgical Abortions



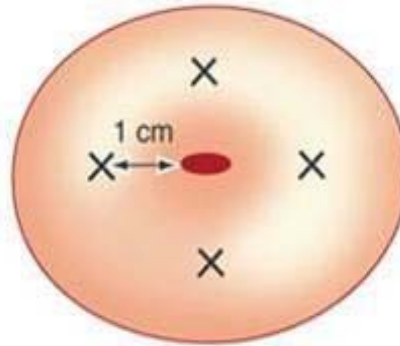
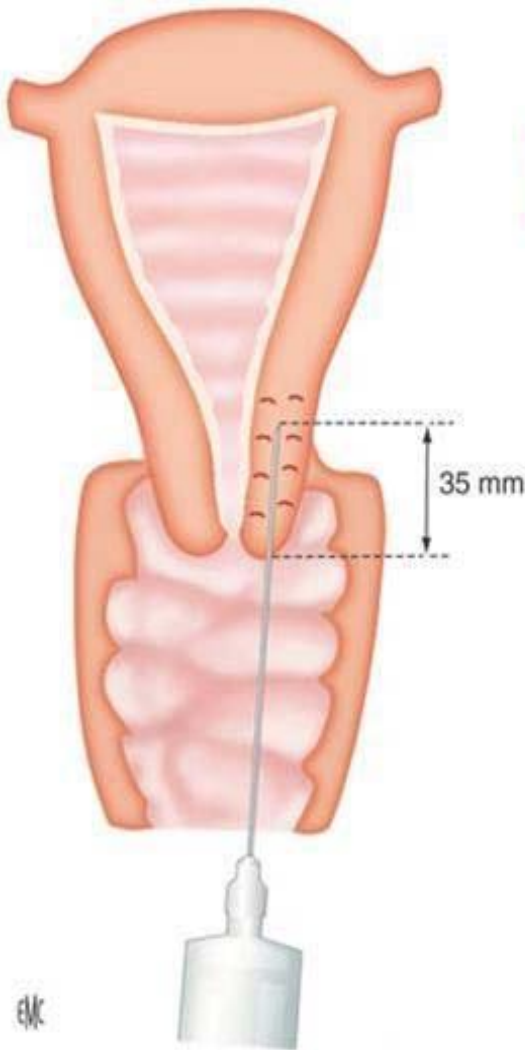
*subepitheliale
Infiltrationen*

*modifizierter
Paracervicalblock*

Variante

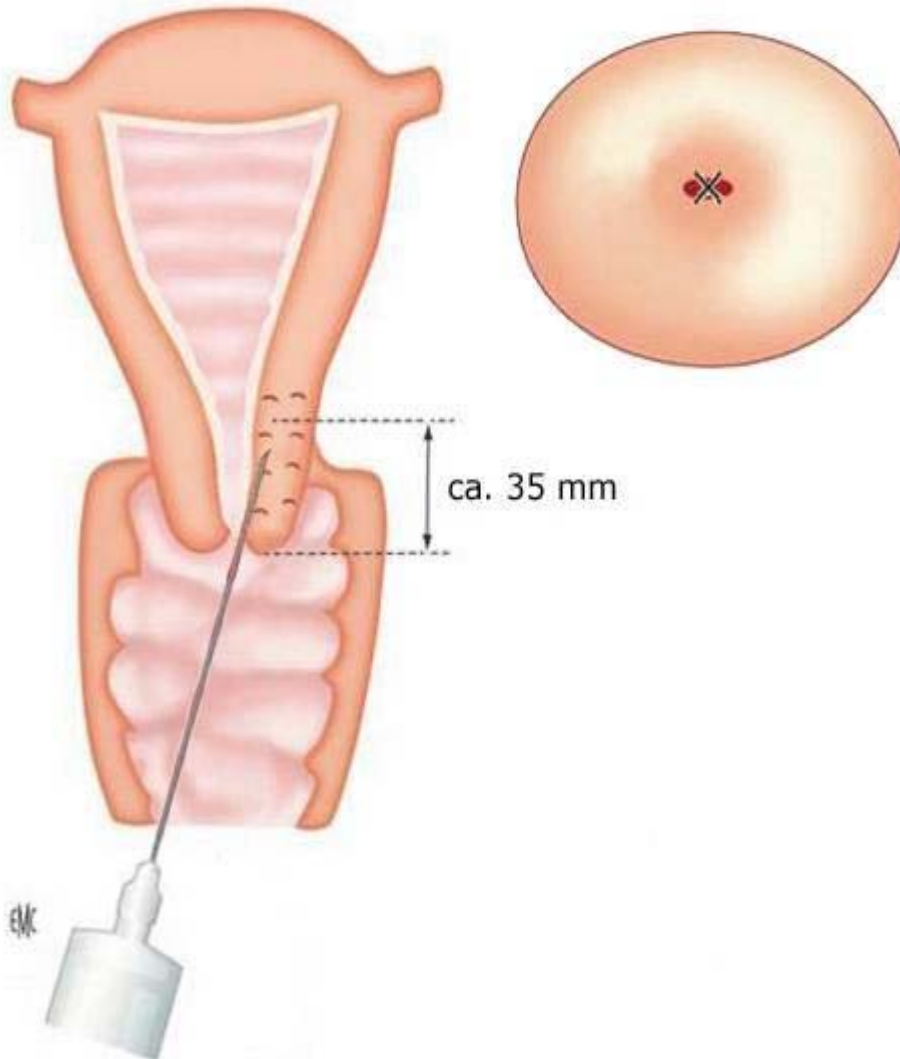


Local Anesthesia for Surgical Abortions



*Intracervicale
Infiltration*

Local Anesthesia for Surgical Abortions



*Transcanalikuläre
Infiltration*