

Supplementary Table S2 : series of cervical cancer diagnosed during pregnancy. Stage has been updated according to the FIGO 2018 classification

Author	Number of patients	Histology	Stage	Trimester	Treatment	Delivery	Maternal outcome	Fetus outcomes
Alouini et al., 2008	8	SCC (5) ADK (3)	IB1 – IIIC1	1T – 3T 12W – 32W	RPL + PL first, as staging modality Curative treatment depending on the stage of the disease afterwards	Cesarean	Died of disease for IIIC patients Disease-free for stade I-II patients	1 miscarriage 7 healthy infants
Baltzer et al., 1990	40	NS	IB	12W (10) 22W (10) 36W (4) Postpartum (16)	RH + PL Radiotherapy if necessary	Cesarean	Better prognosis for patients diagnosed during pregnancy than post-partum	NS
Benhaim et al., 2007	2	SCC (2)	IIB IVA	1T	ARCC with fetus in utero Uterine curettage BT +/- surgery	Termination of pregnancy	Died of disease at 20 months – disease-free at 29 months	Termination of pregnancy
Bigelow et al., 2016	Case-control 28 pregnant 52 non-pregnant	SCC / ADK	IB1 (56%) II (14%) III-IV (11%)	Average : 2T / 17W	RH after delivery or few weeks after	Termination of pregnancy / miscarriage (1T) (7) Mean delivery : 36W Vaginal delivery (4)	No difference in survival between groups	25% termination of pregnancy No significant fetal growth restriction for other babies Healthy infants

Carillon et al., 2011	5	SCC (3) ADK (1) SmCC (1)	IB1 (80%)	1T (1) 2T (3) 3T (1)	NAC (3) ARCC (4) Palliative chemotherapy (1)	Median cesarean at 32W	1 died of disease at 12 months (neuroendocrine carcinoma)	2 respiratory distress Healthy infants
El Mazghi et al., 2014	5	Poorly differentiated SCC (5)	IB1 (3) IB3 (2)	1T (1) 2T (1) 3T (3)	ARCC (2) RH + PL + Radiotherapy (3)	Termination of pregnancy (2) 34-37W : Cesarean (3)	Disease-free at median 36 months	NS
Favero et al., 2010	18	SCC (9) ADK (9)	IA1 (2) 1A2 (1) 1B1 (13) 1B2 (1) 2A (1)	1T (4) 2T (14)	PL first, as staging modality	Cesarean (14)	Disease-free at median 38 months	Healthy infants (14)
Ferrioli et al., 2012	5	SCC (3) ADK (2)	IA2 (1) IB1 (3) IIIC2 (1)	1T (3) 2T (2)	RT + PL (5) Adjuvant RH + ARCC (1)	Termination of pregnancy (1) Spontaneous abortion (2) Cesarean (3)	Died of disease at 3 years (1) Disease-free at median 191 months (4)	Healthy infants (3)
Fruscio et al., 2012	9	SCC (7) ADK (2) Poorly differentiated (7)	IB2 (4) IB3 (5)	1T (1) 2T (8)	NAC after 16 weeks of gestation (Cisplatin / cisplatin + Navelbine) (9) After delivery : RH (9) Adjuvant RT (1) Adjuvant ARCC + BT (1)	30-36W : Cesarean (9)	Died of disease at 27 months (2) Local relapse (2) Disease-free after pregnancy (5/9)	Healthy infants (9)
Germann et al., 2005	21	SCC (20) ADK (1)	IB1 (14) IB2 (1) IIB (5) IVA (1)  After lymph node	1T (13) 2T (5) 3T (2) Post-partum (1)	RH + PL + BT (10) RH + PL + RT + BT (5) RH + PL + RT + BT + AC (3) Radiotherapy + RH + PL + BT (1)	Termination of pregnancy (9) Spontaneous abortion (1) Vaginal delivery (3)	Disease-free (14) Died of disease (4) Lost of follow-up (2)	Healthy infants (10)

			evaluation : IIIC1 (7) IIIC2 (2)		Radiotherapy + RH + PL + RT + BR + AC (1) arc + BT (1)			
Huang et al., 2021	4	SCC (4) ADK (1)	IB2 (3) IB3 (1)  After lymph node evaluation IIIC1 (2)	2T (1) 3T (1)	NAC (Cisplatin + Paclitaxel) (4) After delivery : RH + PL (4) Radiotherapy (4)	Cesarean (4)	Disease-free at 10-56 months (4)	Healthy infant (4)
Ishioka et al., 2009	7	SCC (6) ADK (1)	IB1 (2) IB2 (3) IB3 (1) NS (1)	1T (3) 2T (2) 3T (2)	RH + PL with fetus in situ (2) NAC (1) RH + PL after delivery (5) AC (3)	Termination of pregnancy (2) Cesarean (5)	NS	Healthy infants (5)
Lanowska et al., 2011	8	SCC (5) ADK (3)	IB1 (7) IVB (1)	2T (8)	PL (8) NAC (Cisplatin) (8) After delivery : RH (8)	Cesarean (8)	Disease-free (8)	Transient respiratory distress (7) Healthy infants (9) (twins)
Lee et al., 2008	40	SCC (30) ADK (6) Adenosquamous (1) Others (3)	IA1 (6) IB1 (16) IB2 (9) IIA (4) IIB (3) IIIB (1) IVA (1)	1T (18) 2T (14) 3T (7)	RH + PL with fetus in situ (17) RH + PL after delivery (7) ARCC with fetus in situ (2) RAT after delivery (1) Conization after termination of pregnancy (1)	NS	Died of disease (2) Disease-free (38)	Healthy infants (23)

					Delay of treatment (12)			
Li et al., 2011	2	SCC (2)	IB3 (2)	3T (2)	NAC (Cisplatin + Paclitaxel) (2) After delivery : RH + PL (2) ARCC (2)	Cesarean (2)	Disease-free at 13-21 months (2)	Healthy infant (2)
Martnitz et al., 2010	7	SCC	IB (6) IIIC (1)	2T (7)	NAC (Cisplatin) After delivery : RH + PL	Cesarean (7)	Disease-free at median follow-up of 7 months (7)	Healthy infants (8) (2 twins)
Papadia et al., 2015	2	Adenocarcinoma (1) Adenosquamous (1)	IB2 (1) IB1 (1)	2T (2)	SLN + PL (2) Conization (1) RAT+ AC (Carboplatin) + Radiotherapy (1)	Cesarean	Disease-free at 24 months (1)	Healthy infants (2)
Puchar et al., 2020	20	SCC (11) ADK (8) Undifferentiated (1)	IA (2) IB (12) II (2) III (1) Missing (3)	Median 23W (2T)	NAC (5) RH (9) Conization (5) RAT (2) No surgery (2) Missing (2) ARCC (8) BT (2)	Termination of pregnancy (2)	NS	Healthy infants (18)
Ribeiro et al., 2012	3	SCC (2) ADK (1)	IB2 (3)	2T (3)	RH + PLwith fetus in situ (1) RH + PL after delivery (2)	Termination of pregnancy (1) Cesarean (2)	Disease-free at 6 months - 5 years (2) Vaginal recurrence (1)	Healthy infant (2)
Ricci et al., 2016	4	SCC (4)	IB2 (2) IIA (1) IIB (1)	1T (1) 2T (3)	NAC (Cisplatin / Carboplatin + Paclitaxel) (4) After delivery : RH + PL (4) ARCC (2) + BT (1)	Cesarean (4)	Died of disease at 2 years (1) Disease-free (3)	Healthy infants (4)

					RT (1)			
Rodolakis et al., 2018 (serie and review)	26	ADK (7) Adenosquamous (1) SCC (18)	IA2 (2) IB1 (22) IB2 (2)	1T (8) 2T (18)	RVT + PL	Miscarriage (5: 4 during 1T, 1 during 2T) Cesarean (21)	Died of disease (2) Disease-free (24)	Death of the infant (1) Healthy infants (20)
Salvo et al., 2018	5	ADK(3) SCC (2)	IB2 (5)	1T (1) 2T (4)	Simple trachelectomy + PL (5) AC (1)	Cesarean (5)	Disease-free at 18-168 months	Healthy infants
Takushi et al., 2002	28	SCC (27) ADK (1)	IA1 (9) IA2 (3) IB1 (6) IB2 (4) IIA (1) IIB (3) IIIB (2)	<22W (20) 22-36W (4) >36W (1) Post-partum (3)	RH after termination of pregnancy (3) RH with fetus in situ (8) After delivery : RH (1) After delivery : RT (1) Delay of treatment after delivery (12)	NS	Disease-free (15)	Healthy infants (NNS)
Umemoto et al., 2019	5	ADK (3) SCC (2)	IB1 (4) IB2 (1)	2T (4) 3T (1)	RVT + PL (5) After delivery : RH + AC (Carboplatin + Paclitaxel) (1)	Cesarean (5)	Local recurrence during pregnancy (1) Disease-free (4)	NS
Ungar et al., 2006	5	SCC (5)	IB1 (5)	1T (4) 2T (1)	RAT + PL	Cesarean (2) Miscarriage (3)	Disease-free at a median 40 months (5)	NS
Van Vliet et al., 1998	12	SCC (8) ADK (4)	IB (7) IIA (1) IIB (1) IIIC (3)	NS	Delay of treatment median 3.5 weeks (6) RH with fetus in situ (3) RH with fetus in situ + Radiotherapy (3)	Vaginal delivery (1) Cesarean (5)	Died of disease (2) Disease-free (10)	Healthy infants (6)

					After delivery : RH (4) Radiotherapy (2)			
Vercellino et al., 2013	32	SCC (17) ADK (15)	IA1 (3) IA2 (7) IB1 (17) IB2 (4) IIA (1)  After staging : IIIC1 (4)	1T (4) 2T (28)	PL first, as staging modality NAC (14) After delivery : RH (28) ARCC (4)	Cesarean (27) Termination of pregnancy (5)	Disease-free (23/23)	Healthy infants (29) (twins)
Xia et al., 2014	20	SCC (18) Adenosquamous (1) SmCC(1)	IS – IIA (16) IIB-IIIB (4)	1T (8) 2T (4) 3T (2) Post-partum (6)	Surgery (15) Radiotherapy/ ARCC (4) Palliative chemotherapy (1)	Vaginal delivery (3)	Disease-free (14) Died of disease (5) Lost of follow-up (1)	NS
Yoshihara et al., 2018	6	SCC (6)	IB1 (6)	Median 15W	RT + PL(6) After delivery : AC (Carboplatin + Paclitaxel) (4)	Cesarean (6)	Disease-free at 3-41months (6)	Healthy infant (6)
Zhang et al., 2015	20	SCC (18) Adenosquamous (1) SmCC (1)	IS (1) IA1 (1) IB1 (5) IB2 (1) IIA (8) IIB (3) IIIB (1)	1T (8) 2T (4) 3T (2) Post-partum (6)	NAC (3) Surgery (15) RT/ARCC (5)	Vaginal delivery (3) Cesarean (4) Termination of pregnancy (13)	Died of disease (5) Disease-free (15)	Retard of growth (1) Healthy infants (6)

Abbreviations: SCC = Squamous Cell Carcinoma, RAT = Radical Abdominal Trachelectomy, PL = Pelvic Lymphadenectomy, TH = Radical Hysterectomy, T = trimester, W = weeks, NAC = Neo Adjuvant Chemotherapy, AC= Adjuvant Chemotherapy, SmCC = Small Cell Carcinoma, CCC = Clear Cell Carcinoma,

RT = Radiotherapy, BT = Brachytherapy, ARCC = , PNET = Primitive neuroectodermal tumor, RT =Radical Trachelectomy, RPL = Retroperitoneal Lymphadenectomy, SLN = Sentinel Lymph Node, LLETZ = Large loop excision of the transformation zone, RVT= Radical Vaginal Trachelectomy