

Supplementary Materials

Association between Vaccination for Human Papillomavirus (HPV) and Autonomic Dysfunction and Menstrual Irregularities: A Self-Controlled Case Series Analysis

Drugs - Real World Outcomes

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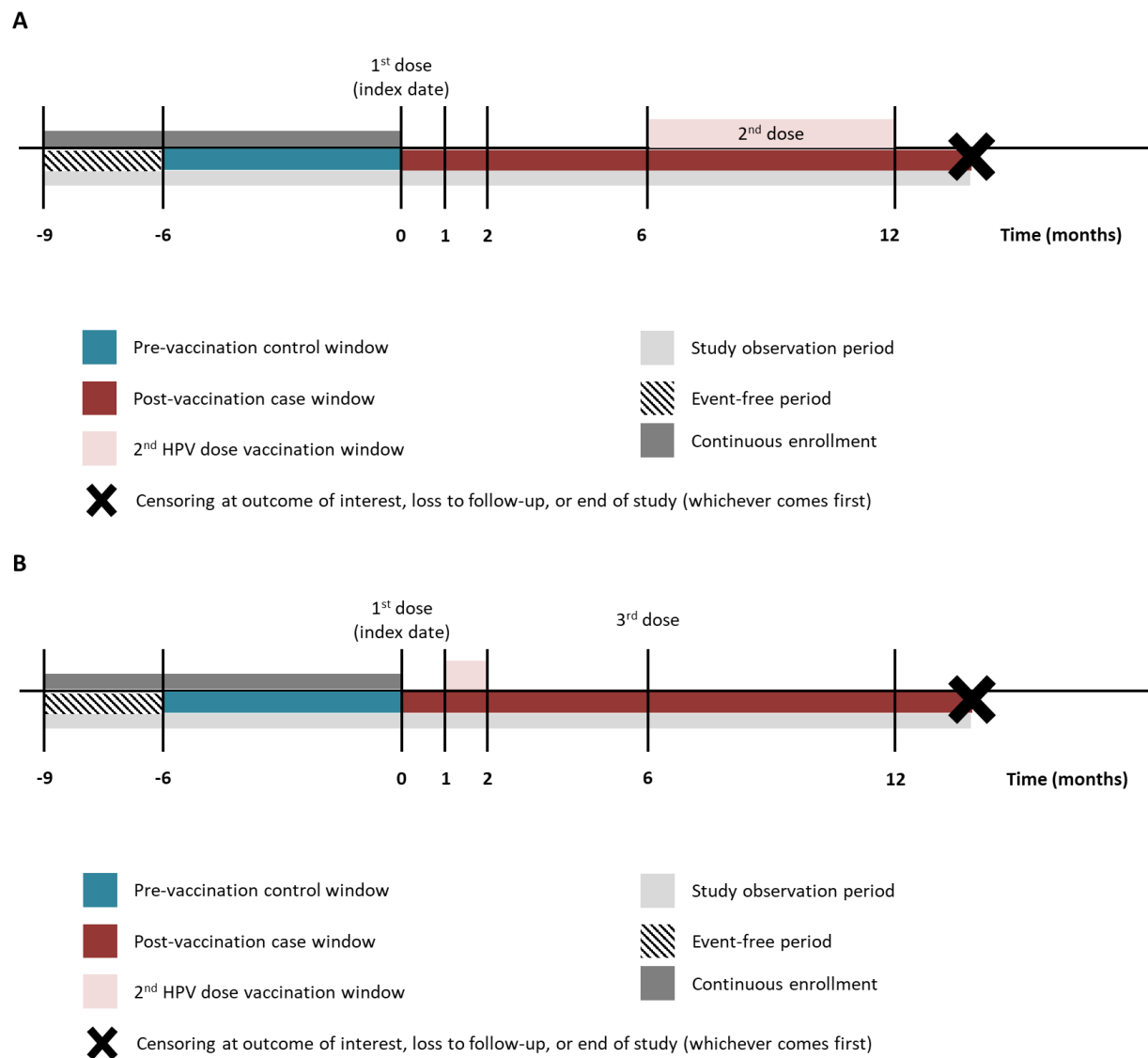
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Supplementary Figure 1. Illustration of the time windows used in the self-controlled case series design and the recommended HPV vaccination dosing schedule.

Figure 1A: A two-dose schedule (at 0 and 6–12 months).

Figure 1B: A three-dose schedule (at 0, 1–2, and 6 months).

Supplementary Table 1. Diagnostic Codes Clusters for Autonomic Dysfunction and Menstrual Irregularities

ICD-10 CM diagnosis code	ICD-10-CM Code Description
Autonomic dysfunction	
G90.8	Other disorders of autonomic nervous system
G90.9	Disorder of the autonomic nervous system, unspecified
G90.A	Postural orthostatic tachycardia syndrome [POTS]
I95.1	Orthostatic hypotension
I47.1	Supraventricular tachycardia
R00.0	Tachycardia, unspecified
R00.2	Palpitations
Menstrual irregularities	
E28.2	Polycystic ovarian syndrome
E28.31	Premature menopause
E28.310	Symptomatic premature menopause
E28.319	Asymptomatic premature menopause
E28.39	Other primary ovarian failure
E28.8	Other ovarian dysfunction
E28.9	Ovarian dysfunction, unspecified
N91.1	Secondary amenorrhea
N91.2	Amenorrhea, unspecified
N91.4	Secondary oligomenorrhea
N91.5	Oligomenorrhea, unspecified
N92.0	Excessive and frequent menstruation with regular cycle
N92.1	Excessive and frequent menstruation with irregular cycle
N92.2	Excessive menstruation at puberty
N92.5	Other specified irregular menstruation
N92.6	Irregular menstruation, unspecified

Abbreviations: ICD-10-CM, International Classification of Diseases, Tenth Revision, Clinical Modification.