

### Categories of side effects of national vaccination program of seniors

Side Effect Category	Side Effect	Side Effect Category	Side Effect
<i>Accessibility</i>	Limited or no Internet, and/or Mobile phone	<i>Trust</i>	Fear of severe effects of vaccination
	Poor telemedicine and virtual care quality		Fear of vaccine quality
	Seniors' digital skills trainings		Resistance to vaccination
<i>Awareness</i>	Low awareness on details of the vaccination program and vaccination points		Fear of increased deaths after vaccination
	Low consciousness regarding vaccination		Lack of relevant information on COVID mutations
	Knowledge about vaccine biological mechanisms		Lack of tests before vaccination
	Knowledge about the production process		Fake medical and political news
	Lack of awareness about local and systemic vaccine adverse reactions		Seniors religiosity
	Unclear qualification criteria to vaccination		Messy scheduling
	Collective social responsibility	<i>Distribution</i>	Vaccine logistic issues
<i>Citizen rights</i>	Lack of insurance or the severe vaccine adverse reactions		Conditions for the delivery, storage and distribution of vaccines
	Discrimination against people, who are not vaccinated		Hesitation toward vaccination
	Violation of freedom by compulsory vaccination	<i>Engagement</i>	Incentives to vaccination
	Lack of government openness and transparency		Lack of contextualized marketing campaign
	Consistent and medically grounded policy for seniors		Ineffective recall system and support
	Forcing employees to get vaccinated	<i>Intermediaries support</i>	Direct or telephone contact
	Suspended treatment of cancer patients		Difficulties to identify and localize seniors in urban area
<i>Data governance</i>	Poor quality of official statistical data on governmental websites		Poor organization of vaccination in rural and remote areas
	The need to monitor, collect and study data on vaccine side effects		Need for mobile (home) vaccination teams
	Uncertainty and inconsistency of information due to dynamic data change		Limited support toward disabled elders