



Health Technology Review	
Technology Ref:	HTA20010
Technology Name:	Needleless Vaccination
Approvals by International Bodies:	-
Company name:	-
Agent in UAE:	-
Email:	-

Short Description of the Technology:	The introduced method of vaccination “needle-free injection technology” is not new in the market and there are many types of needle –free injection around the world. The PPT mention that the Pharm jet is defined as qualified provider with FDA for particular type of needle-free injection. As per the Pharma Jet announcement that, this injection technology will be used for COVID-19, which is not available at moment and it is under development. US FDA for example gives approval for needle-free injection for each individual vaccine only. Hence potential of needle-free injection can only be assessed in detail once vaccines are available.
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Health Technology Assessment Team Recommendation:	Disapproved
Summary of Review:	
Advantages	Disadvantages
No safety concerns	FDA requires particular approved for each type of vaccination
Most studies also suggest less pain	It is under stage of development as per the announcement of PharmaJet
more person can be vaccinated with the same amount of vaccine	Cost to be evaluated once ready
Fast and no technical difficulties	May delay vaccine readiness in case development of needle-free application devices takes longer than standard syringes (with needle)
This technology is not available yet as the COVID-19, vaccination is not available until today. Hence final evaluation can only be done when vaccine and needle-free options for application are available.	