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Title: High-speed video investigation of jet dynamics from narrow orifices for needle-free injection

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Research Highlights

- High-speed liquid jets up to 100 m/s are studied for needle-free injection
- High-speed imaging reveals quantitative observations of the jet form
- Penetration into model gel substrates exhibits little dependence on jet fluid
- A novel laser-induced jet formation system is qualitatively compared to commercial devices

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