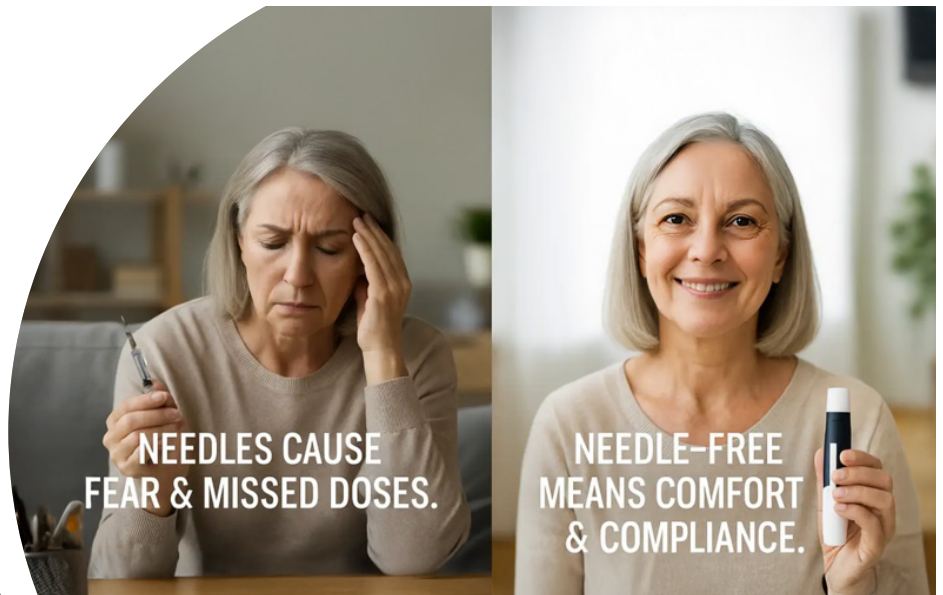


# PharmaJet®

## NEW SUBCUTANEOUS NEEDLE-FREE INJECTOR PENS

### Needle Phobia Can Cause:

- Delayed treatment starts<sup>1</sup>
- Poor compliance<sup>2</sup>
- Low treatment adherence rates<sup>3</sup>
- Increased treatment avoidance<sup>1</sup>



NEEDLES CAUSE  
FEAR & MISSED DOSES.

NEEDLE-FREE  
MEANS COMFORT  
& COMPLIANCE.

**20-30%**

Needle hesitancy among adults<sup>2</sup>,  
likely to affect Rx compliance



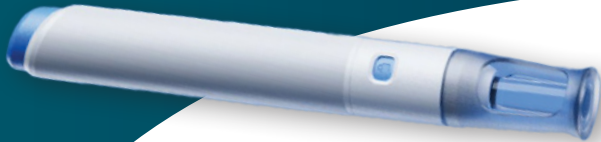
Needle fear is highly correlated with patients who have a condition requiring frequent injections<sup>4</sup>



Drug prescribing decisions are increasingly driven by the consumer and personalization<sup>5</sup>

**91%**

of needle phobic patients say that needle-free injections would reduce their needle fears<sup>4</sup>



NEEDLE-FREE TECHNOLOGIES

# IMPROVE MEDICATION OUTCOMES<sup>6</sup>

Designing  
to deliver fluid  
injection in  
~0.1 seconds

Addresses an  
unmet medical  
need

### PLATFORMS UNDER DEVELOPMENT

- 1 Single-use, prefilled auto-injector
- 2 Reusable injector (vial-filled and prefilled syringe options)

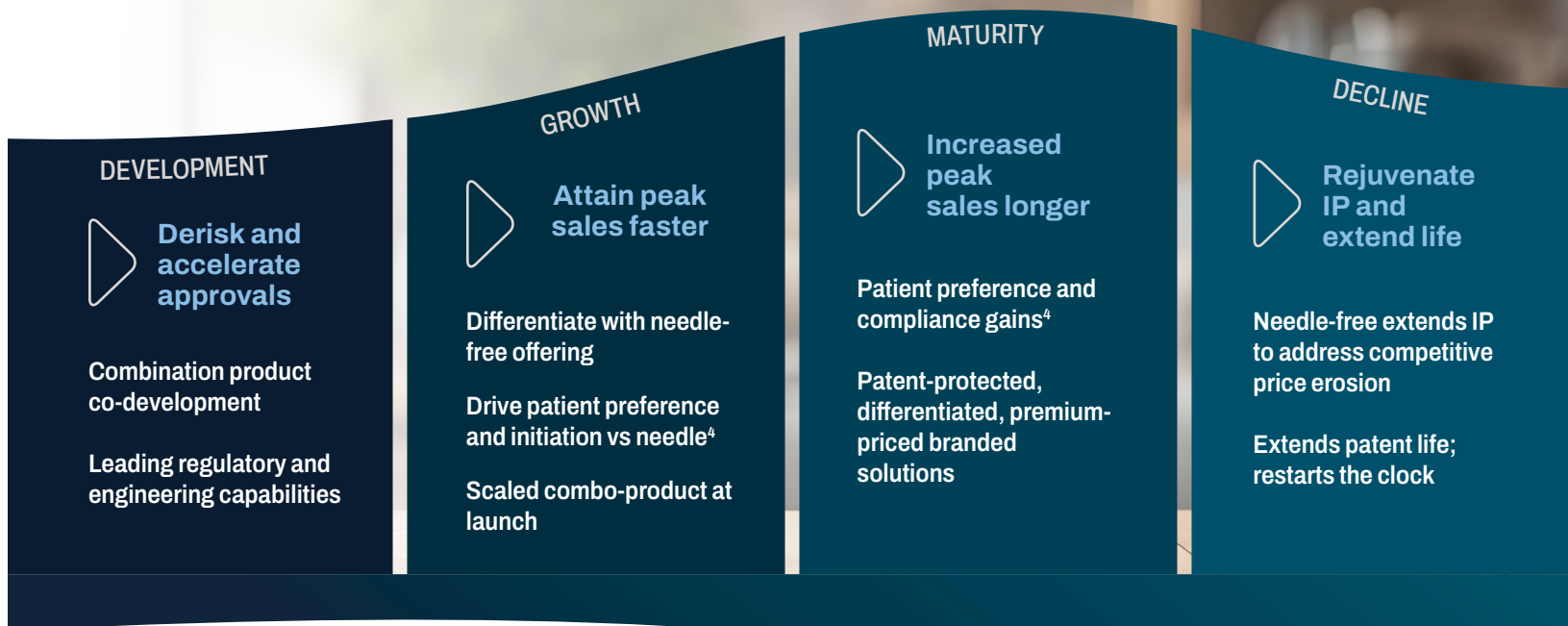
### DESIGN FEATURES

- ✓ Accurate and consistent injections
- ✓ No sharps
- ✓ Optional smart features
- ✓ Customized design options

Scan QR code to  
learn more



# EXPAND MARKETS FOR YOUR INJECTABLE DRUGS ACROSS ALL LIFE-CYCLE STAGES



## POTENTIAL BENEFITS

GROW YOUR MARKETS AND REACH NEW PATIENTS

- ✓ Increase franchise sales and profitability
- ✓ Low regulatory/technology/commercial risk
- ✓ Expand market share and address new patient markets
- ✓ Extend patent life through combination Needle-free Injector Pen products
- ✓ Low-cost, simple non-inferior drug bioavailability study

## WHY PARTNER WITH US?

**PharmaJet is the World Leader in Needle-free Injection**

- Proven regulatory and quality systems
- Large scale commercial use
- Established collaborations with pharmaceutical companies
- Scaled manufacturing successfully and supply chains

## ESTABLISHED CREDIBILITY

IN THE THERAPEUTICS AND VACCINE MARKETS

OVER  
**12M**

Needle-free injections delivered

**100+**

Partner publications of preclinical and clinical studies

**48**

Issued patents

1. Spain, C. V., Wright, J. J., Hahn, R. M., Wivel, A. & Martin, A. A. Self-reported barriers to adherence and persistence to treatment with injectable medications for type 2 diabetes. Clin. Ther. 38, 1653–1664.e1 (2016). 2. McLenon, J. & Rogers, M. A. M. The fear of needles: a systematic review and meta-analysis. J. Adv. Nurs. 75, 30–42 (2019). 3. Sharma, S. K., Kant, R., Kalra, S. & Bishnoi, R. Prevalence of primary non-adherence with insulin and barriers to insulin initiation in patients with type 2 diabetes mellitus – an exploratory study in a tertiary care teaching public hospital. Eur. Endocrinol. 16, 143–147 (2020). 4. Alsbrooks, K. & Hoerauf, K. Prevalence, causes, impacts, and management of needle phobia: an international survey of a general adult population. PLoS One 17, e0276814 (2022). 5. Rinaldi, A. et al. Patients' requests and physicians' prescribing behavior: a systematic review. Patient Educ. Couns. 131, 108449 (2025). 6. Ji, L. et al. Insulin delivery with a needle-free insulin injector versus a conventional insulin pen in Chinese patients with type 2 diabetes mellitus: a 16-week, multicenter, randomized clinical trial (the FREE study). Eclinicalmedicine 23, 100368 (2020).