

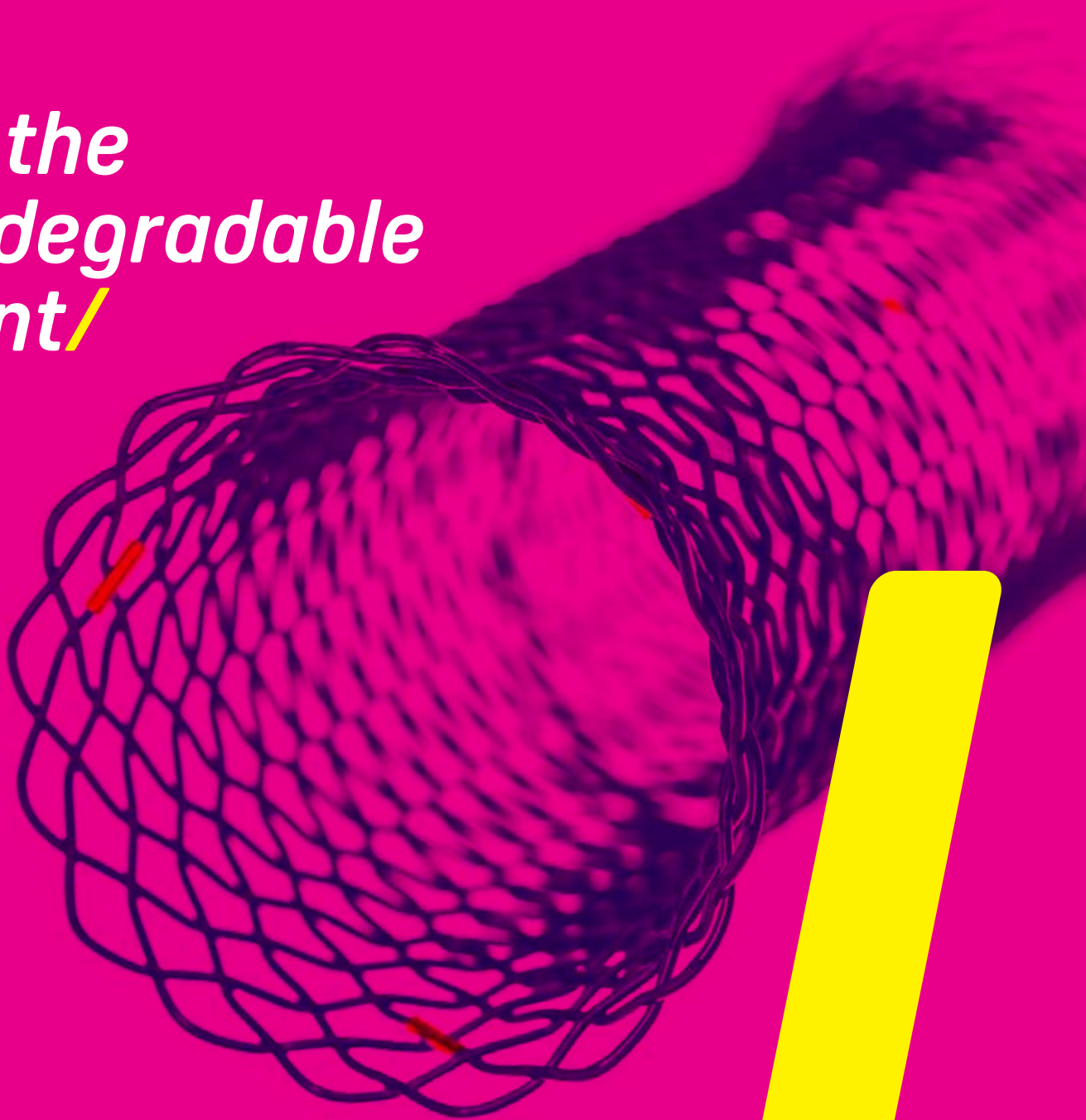
**UKMEDICAL®**

*It's Interventional.*

# *It's the Biodegradable stent/*

*For mild  
oesophageal benign  
strictures/*

*hello@ukmedical.com  
ukmedical.com*



# It's about pathway remodelling... /

*The Ella Biodegradable (BD) stent helps to facilitate long-term remodelling of refractory benign oesophageal strictures.*

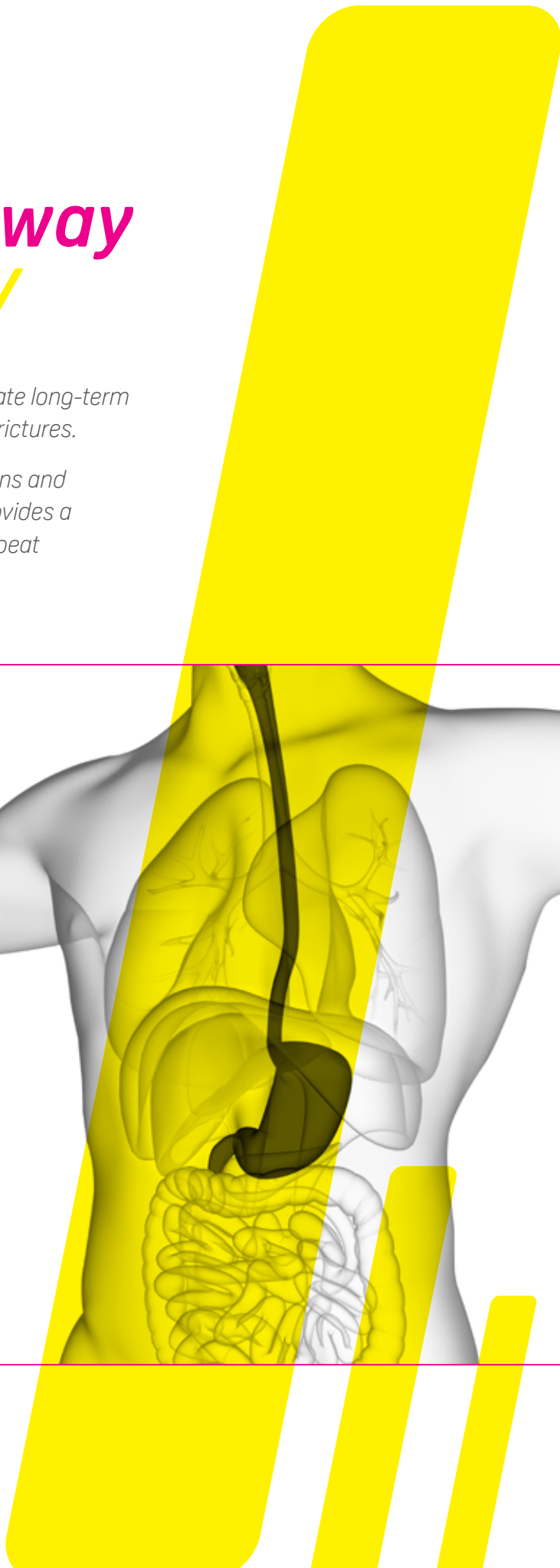
*Designed to minimise the need for re-interventions and streamline the patient pathway, the BD stent provides a cost effective, patient-focussed alternative to repeat high-frequency oesophageal dilatation.*

## Product benefits:

- **Improves patient quality of life**
- **Minimises requirement for repeat hospital visits**
- **Using the BD stent 'would appear to offer patients with benign disease greater than 50% possibility of long-term symptom resolution'<sup>1</sup>**
- **Licensed for peptic, anastomotic and caustic strictures**
- **Lower migration rates, when compared to plastic or metal stent placement for benign strictures<sup>2</sup>**
- **Eliminates potential complications associated with SEMS migration when stenting for benign disease**

## Additional information?

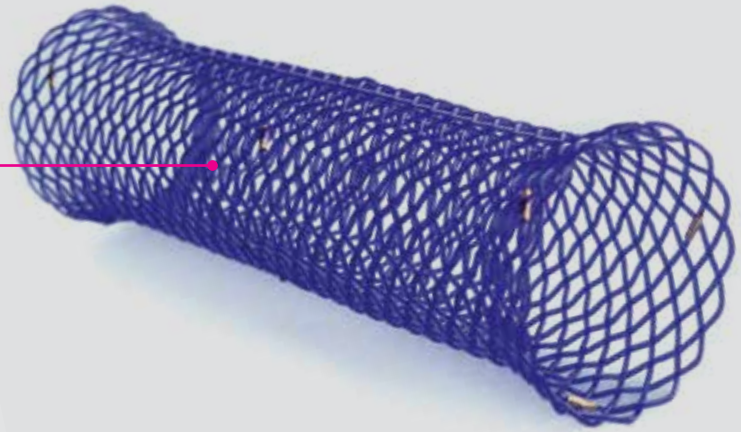
If you would like further assistance with using our biodegradable stent, or need advice on how to order, please call us on: **0114 268 8880**



**Product features:**

Polydioxanone (PDS) material fully degrades approximately 12 weeks after insertion (pH dependent)

Radial force is maintained for approximately 6-8 weeks helping to facilitate long term stricture remodelling



Degradation process involves partial bioabsorption of PDS material and natural passage through the digestive tract

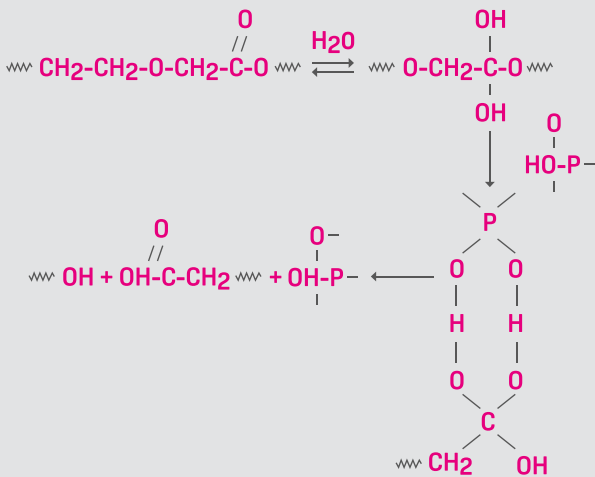
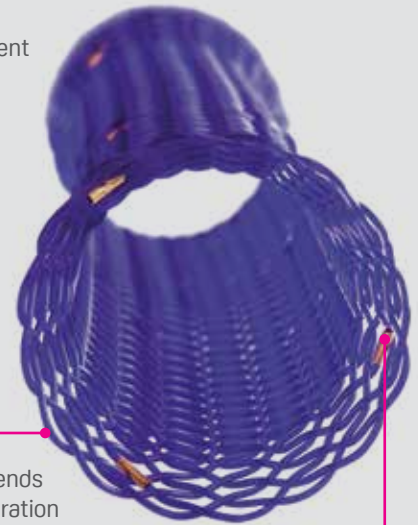


Figure 1: Chemical diagram illustrating hydrolytic degradation of polydioxanone material

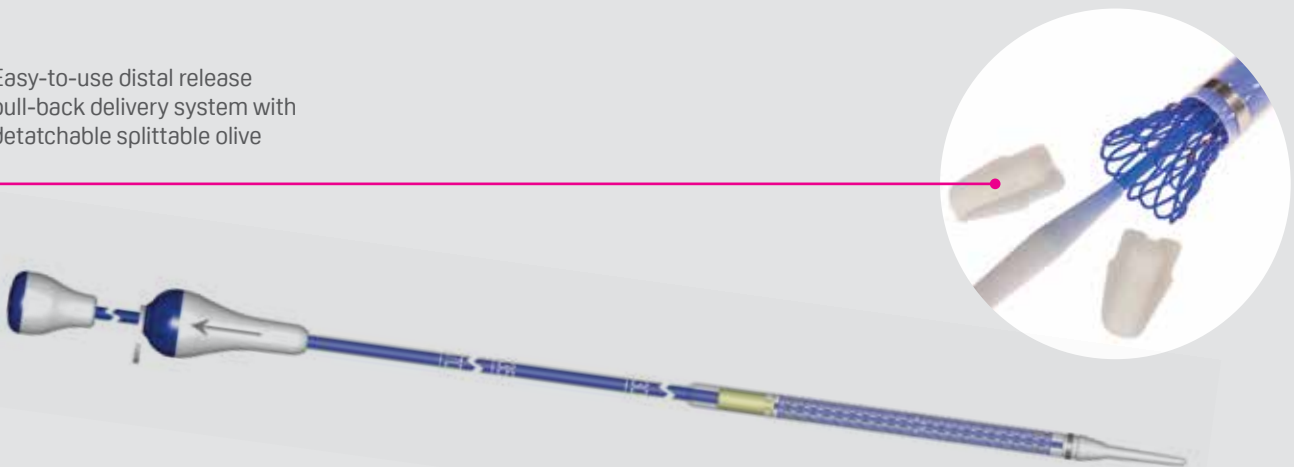
Fully uncovered stent



Atraumatic flared ends help to reduce migration

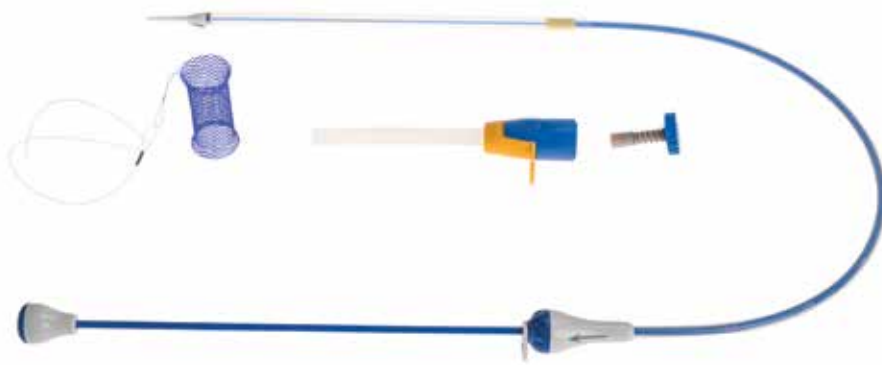
Highly visible radiopaque markers located centrally and at each end of the stent

Easy-to-use distal release pull-back delivery system with detachable splittable olive



## Kit contents:

- Biodegradable stent with loading thread
- Compression tool
- Blue end cap
- 28F delivery system



## Ordering Information

Product Code	Body Diameter (mm)	Flare Diameter (mm)	Nominal Length (mm)
019-10A-25/20/25-060	20	25	60
019-10A-25/20/25-080	20	25	80
019-10A-25/20/25-100	20	25	100
019-10A-31/25/31-060	25	31	60
019-10A-31/25/31-080	25	31	80
019-10A-31/25/31-100	25	31	100
019-10A-31/25/31-135	25	31	135

### Additional information:

- Additional stent diameters are available upon request
- The stent is delivered sterile and packed separately from the delivery system
- The stent is manually loaded onto the delivery system immediately prior to implant
- Use of a 0.035" / 260cm extra stiff guidewire is recommended

### Precautions:

- Low pH (eg. due to reflux) accelerates degradation

### Delivery System:

- Active length: 75cm
- Proximal diameter: 18F (6mm)
- Distal diameter: 28F (9.4mm)

Manufactured by



References:

1. McCain S et al., 'The role of biodegradable stents in the management of benign and malignant oesophageal strictures: A cohort study', The Surgeon (2015), <http://dx.doi.org/10.1016/j.surge.2015.01.002>
2. Canena, J.M.T et al., 'A comparison of the temporary placement of 3 different self-expanding stents for the treatment of refractory benign esophageal strictures: a prospective multicenter study (2012) BMC Gastroenterology (12:70)

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