

# Papillon +

## X-ray Brachytherapy (IORT)

### CONTACT RADIOTHERAPY RX 50KV

- Multi mode solution (breast, rectum and skin)
- Optimal ergonomics and mobility
- Clinically proven effectiveness
- High dose rate (to 25 Gy/min)
- Fast treatment (1 minute)



CE 0459

One minute for optimal efficiency



Clermont-Ferrand - Tél : 04 73 74 62 40 - email: [clerad@clerad.fr](mailto:clerad@clerad.fr)

# Papillon +

## X-ray Brachytherapy (IORT)

The Papillon+ system offers you the best way to treat tumors accessible by contact radiotherapy.

Papillon + has been optimized (peak energy, radiation spectrum, and treatment distance) to allow you to apply the right dose of radiation to the cancerous tissue while sparing the surrounding tissue (collimation and limitation of the radiation penetration level).

### Uses and applications

The Papillon+ system and its range of accessories will allow you to achieve better results, more simply and economically. The radiation characteristics are carefully optimized for each application. The use of low energies minimizes radiation protection requirements.

**Applications :** Breast, rectum, skin.

Battery-powered functioning.

### Micronode technical performances

- Maximum tension: 50kVp
- Size of the focal point : 4.0mm
- Anode current : 1.0 to 3.0mA [2.1mA rectum ; 1.0mA breast ; 2.3mA skin]
- Beam quality : 0.175mm Al HVL (50kVp)

Applicators technical performances	Rectum	Breat	Skin
- Beam quality	0.74mm AL equivalent	0.7 to 1.0mm AL equivalent	0.5 to 0.7mm AL equivalent
- Depth performance / beam uniformity	> 50% at 5mm/ 5% in 80% of the surface		
- FSD	35mm	15 to 25mm	29 to 54mm
- Diameter of the applicator / dose rate	20mm 12Gy/min 30mm 12Gy/min 40mm 12Gy/min	30mm 25Gy/min 35mm 15Gy/min 40mm 9Gy/min 45mm 7Gy/min 50mm 5Gy/min	20mm 12Gy/min 30mm 7Gy/min 40mm 3Gy/min



**CLERAD**  
LA MAÎTRISE DES RAYONNEMENTS

Clermont-Ferrand - Tél : 04 73 74 62 40 - email: clerad@clerad.fr

CLE-P+\_FR\_2021-07