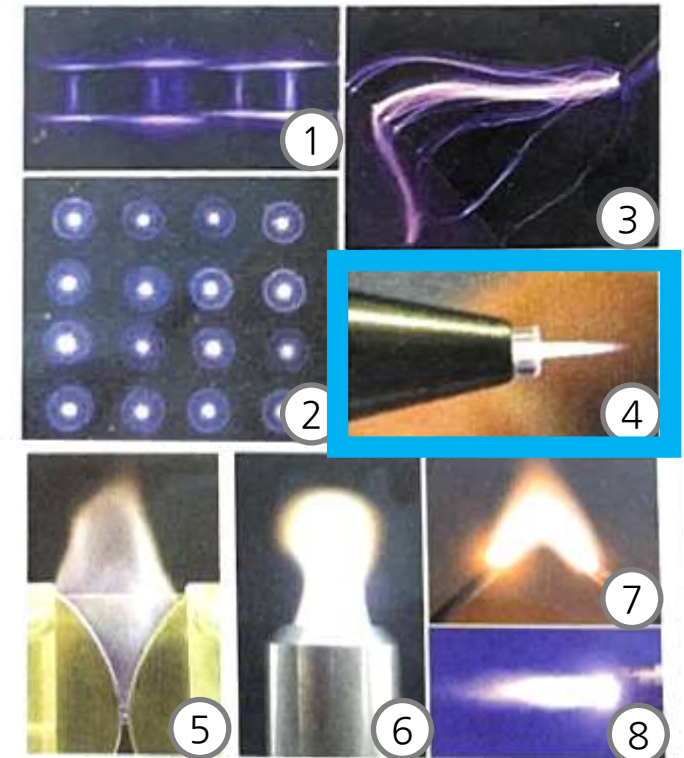
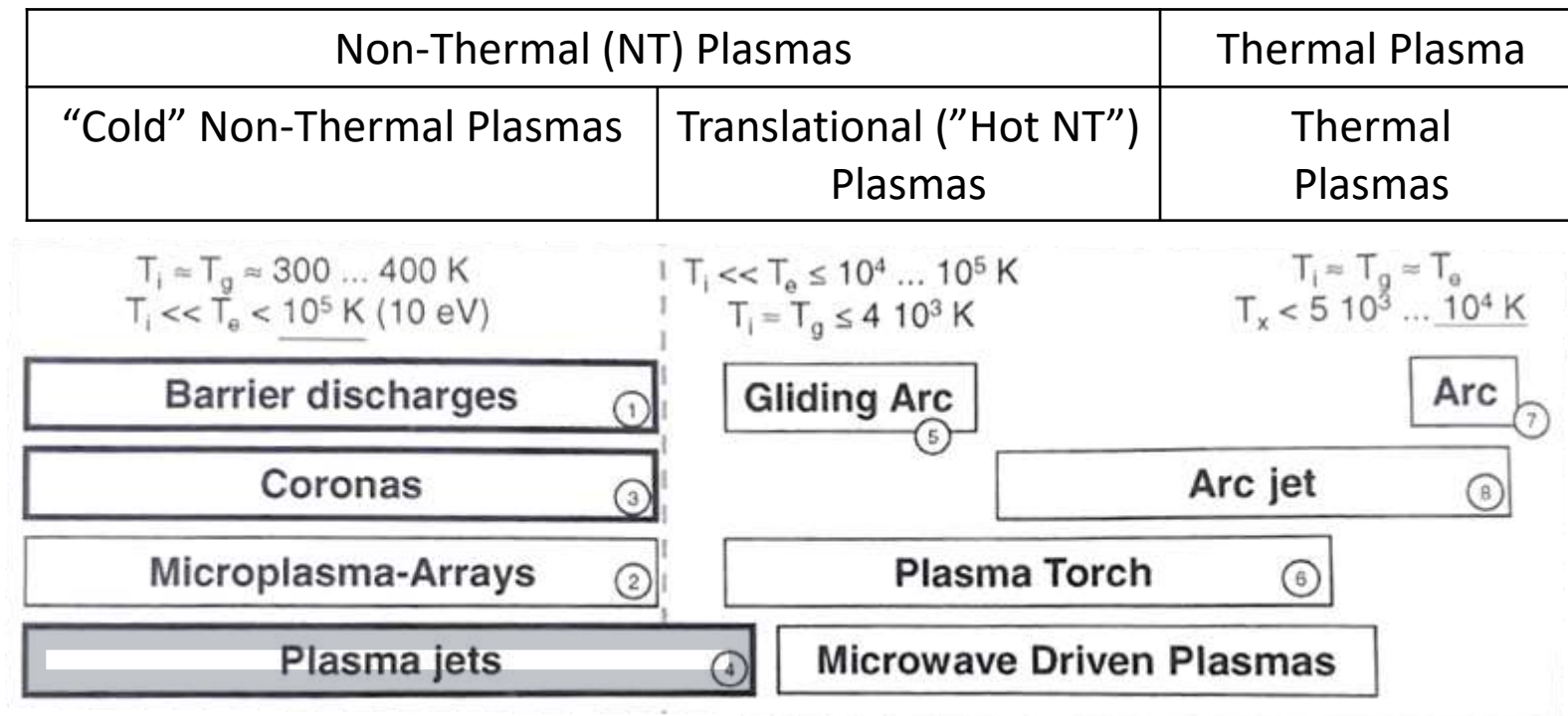


4. Dental 3D Plasma Robot System

4.1 Cold plasma jet (1/3)

대기 플라즈마 장치 분류체계



자료 출처 <https://www.relyon-plasma.com/plasma-and-osseointegration/?lang=en>

4. Dental 3D Plasma Robot System

4.1 Cold plasma jet (2/3)

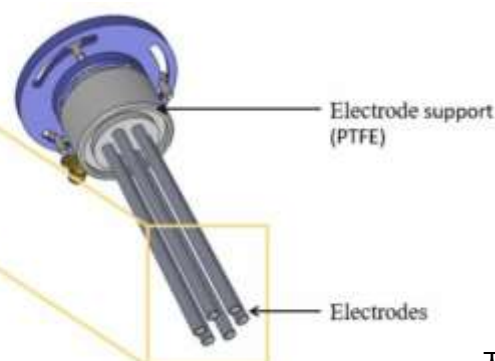
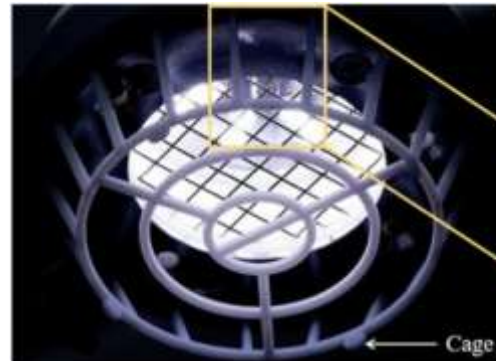
대기 플라즈마 젯 제품화 사례 - 독일



<medical product kINPen MED by neoplas tools GmbH(Greifswald, Germany)>

<PlasmaDerm FLEX 9060 by CINOGY GmbH (Duderstadt, Germany)>

대기 플라즈마 젯 제품화 사례 - 영국



<Adtec Steriplas (London, United Kingdom), (based on a Plasma torch)>

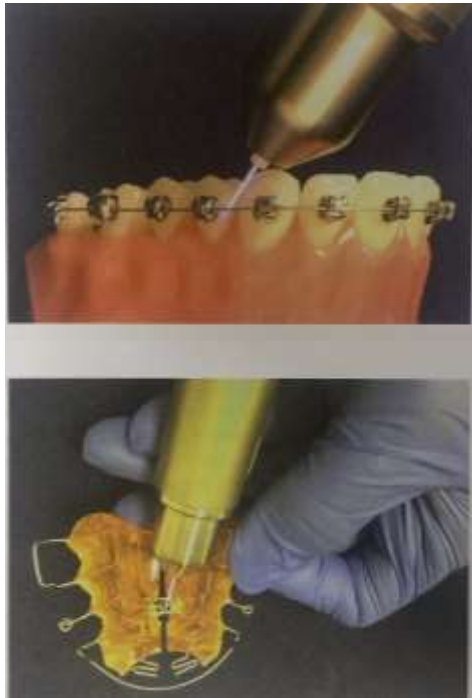
자료 출처: neoplas, cinogy, adtec steriplas 홈페이지

4. Dental 3D Plasma Robot System

4.1 Cold plasma jet (3/3)

독일의 임플란트 플라즈마 젯 처리 임상사례

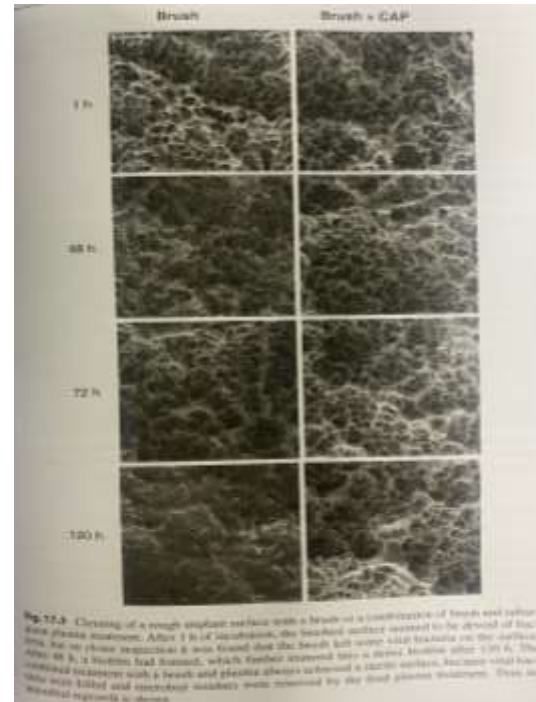
kINPen MED (NEOPLAS MED, 독일)



Bio-Film으로 인한 치조골 손상



플라즈마 처리 전후 Bio-Film 발생억제 (박테리아 발생 억제)



플라즈마 처리 전후 표면에너지 증가/치아세포 증식 활성화

