



SEXUALLY TRANSMITTED INFECTIONS, HIV/AIDS

LIQUID NITROGEN CRYOTHERAPY IN KAPOSI SARCOMA PATIENT WITH AIDS

Erlina Pricilla Sitorus⁽¹⁾

Sebelas Maret University, Dermatology And Venereology, Surakarta, Indonesia⁽¹⁾

Background: Kaposi Sarcoma (KS) is a blood vessel tumor affect on skin, multifocal, involve the lymph node and visceral organ, also an opportunistic disease with low grade of CD4 in HIV patients. Characteristic clinical signs are patch, plaque, nodul then becomes violaceous. The principal therapy of KS-HIV/AIDS is antiretroviral drugs (ARV), but can combine with other therapy such as liquid nitrogen cryotherapy that showed improvement in 80% cases.

Observation: A male, 27 year old, work as a sales promotion, complained there were rashes then became bumps in 2 weeks on his palate, arms also thighs. In 2 months, the lesions became solid and pain. He had sexual histories with sexual commercial workers and his male coworker. 2 years ago, he was diagnosed with AIDS and consumed ARV routinely. From anamnesis, clinical signs and histopathology feature, he was diagnosed with KS. According to AIDS Clinical Trial Group (ACTG), the KS degree was classified as T0I1S1. After 5 times of therapy with 3 weeks interval had showed good improvement using liquid nitrogen cryotherapy. In ACTG guideline, combination of ARV and cryotherapy showed 80-85% clinical response of therapy in and until 6 months with 3 weeks interval.

Key Messages: AIDS, Cryotherapy, Kaposi sarcoma

