

**Table 9.**

## Amevive (alefacept) [26, 29, 30, 31]

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### **Initial Visit:**

#### History and Physical

- History of malignancy or serious infections (hepatitis, TB, HIV, other)?**
- Total body skin exam for skin cancer**
- Check for HSM, cervical/axillary/inguinal lymphadenopathy**
- Medications: other immunosuppressive agents**
- Live vaccine within past month – you or household member?
- Major surgery in next month?
- Active infection? Hold dose for infection or sepsis
- History of cirrhosis or active hepatitis or other liver disease?

#### Labs

- Baseline CBC, CMP**
- Baseline CD4 count; hold for < 250 cells/uL**
- TB test (for PPD, consider >5mm as positive)**
- Hepatitis B screen: Hepatitis B sAg, Hepatitis B sAb, Hepatitis B cAb**
- Hepatitis C ELISA screen**
- Influenza vaccine (if flu season)**
- HIV (optional) – especially with erythrodermic psoriasis
- Cardiovascular risk panel: CRP, homocysteine, HbA1C (if screening for psoriasis) (optional)
- Pneumovax (optional)

#### Counseling/Other

- Injections under supervision of health care professional**
- Can worsen existing malignancies**
- Malignancy: non-melanoma skin cancer, lymphomas, melanoma, solid organ malignancies**
- Risk of hepatotoxicity and liver failure**
- Risk of new or worsening bacterial and viral infections, including HIV, hepatitis, and tuberculosis**
- Injection site reaction and angioedema
- Avoid live vaccines – self and household members
- While the package insert states to avoid phototherapy, phototherapy is used routinely with alefacept<sup>29-31</sup>.

**Follow-up Visit:**

History and Physical

- Every six months: Total body skin exam for skin cancer**
- Every six months: Check for HSM, cervical/axillary/inguinal lymphadenopathy**
- Any new infection – hold dose for active infection or sepsis
- Major surgery in next month?
- Is there sustained clinical efficacy as measured by 2 weeks after the 12th dose?
- Other interval history

Labs

- Prior to every other injection: CBC, CD4; hold for < 250 cells/uL (then check weekly; discontinue alefacept if CD4 < 250 cells/uL for one month)**
- Monthly to one month after last injection: CMP**
- Every year: TB test (consider induration of >5mm as positive)**
- Influenza vaccine annually (in flu season)**
- In HBV carriers, check liver panel for laboratory signs of hepatitis B reactivation

Other

- Any live vaccines in past month?
- Any household members getting live vaccine?