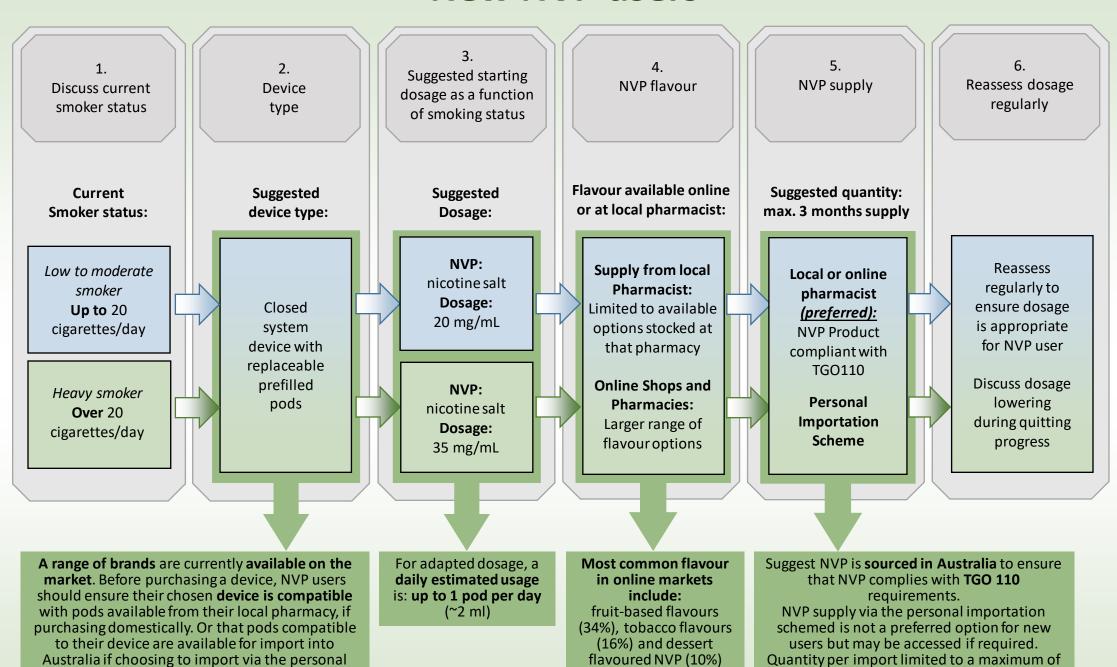
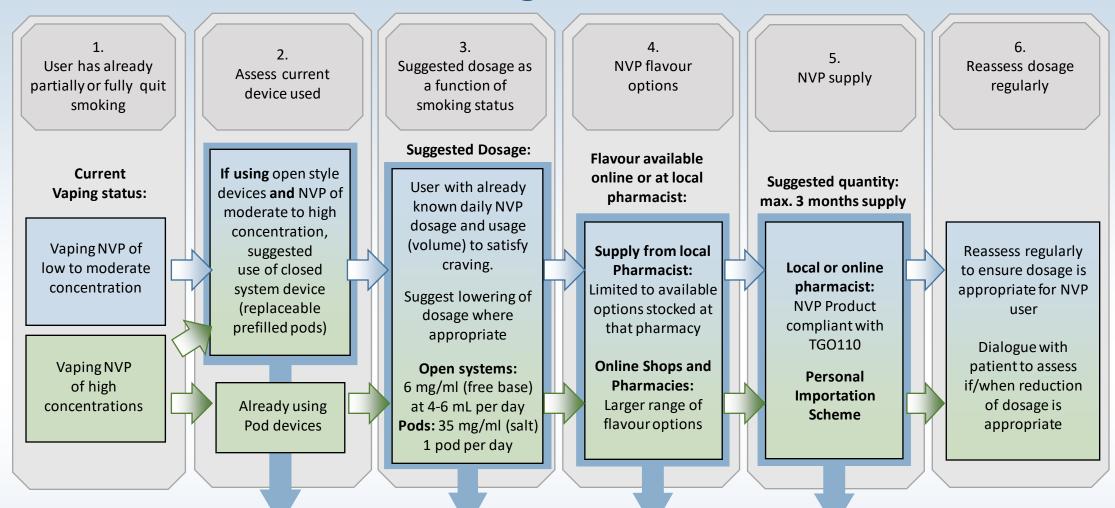
## **New NVP users**



a 3 months supply.

importation scheme.

## **Existing NVP users**



## If users wish to continue use of an open style device:

- Preferably limit to solutions of maximum 20 mg/ml concentration
- Discuss danger of open systems (refillable tanks) compared to closed systems (pods)
- Discuss best practice for solutions of high nicotine concentrations for use preparing their own solutions (handling, dilution and use of PPE).

May discuss lowering of dosage where appropriate.

If titrating to lower doses, consider an initial increase of prescribed volumes to cover potential increase in vaping use due to cravings.

User already experienced with flavours, most likely have a preferred product. May suggest alternative option.

Most common flavour in online markets include: fruit-based flavours (34%), tobacco flavours (16%) and dessert flavoured NVP (10%)

Suggest NVP is sourced in Australia to ensure that NVP complies with TGO 110 requirements.

If importing NVP via the personal importation scheme, max. quantity per import is limited to a 3 month supply.

# Suggested NVP dosages for freebase nicotine and nicotine salts compared to smoking status

| Vaping devices                          |   | Cigarette smoking equivalent |       | Freebase nicotine                | Nicotine salts |
|---|---|------------------------------|-------|----------------------------------|----------------|
| High Vapour                             | Medium<br>Vapour<br>Production<br>All devices | No longer smoking            |       | Nicotine free solution - 0 mg/mL |                |
| Production<br>Open tank<br>devices      |   | 1-6 cigarettes/day           | Light | 3 mg/mL                          | ≤ 10 mg/mL**   |
|   |   | 6-12 cigarettes/day          | Sn    | 6 mg/mL                          | 20 mg/ml       |
|   |   | 12-20 cigarettes/day         | Smoke | 9 mg/mL                          | 25 mg/mL       |
| Low Vapour<br>Production<br>Pod devices |   | 20-25 cigarettes/day         | r typ | 12 mg/mL                         | 30 mg/mL       |
|   |   | 25+ cigarettes/day           |       | 18 mg/mL                         | 35 mg/mL       |
|   |   | 2+ packs/day                 | Heavy | 24-36 mg/mL*                     | 50-60 mg/mL    |

<sup>\*</sup> Harsh throat hit for concentrations above 20 mg/ml, throat hit of 6 mg/ml free base similar to 20-25 mg/mL nicotine salts

Most common

shapes of devices

available on the market in

each category

Suggested starting concentrations highlighted

# Suggested average usage as a function of device used

|   | Estimated volume usage |                      |  |  |  |
|---|------------------------|----------------------|--|--|--|
|   | Daily                  | 3 months             |  |  |  |
| Open tank devices<br>3-6 mg/ml (free base)                                | 4-6 ml                 | 600 ml               |  |  |  |
| Pod devices<br>30 mg/ml (salt)  | 1 pod<br>(2 ml)        | 100 pods<br>(200 mL) |  |  |  |
| High concentration solutions (100 mg/ml) for "mix your own" preparations* |                        |                      |  |  |  |
| Free base nicotine  | Up to 2mL              | Up to 120 mL         |  |  |  |
| Nicotine salts  | Up to 3mL              | Up to 300 mL         |  |  |  |

<sup>\*</sup> Based on the use of 100 mg/ml solution to prepare 600 mL of 3-20 mg/ml free base nicotine solutions, and 200 mL of 30-50 mg/ml nicotine salt solutions for use in open tank devices.

### **Open System Devices**

(medium to high vapour devices)

# Tank base systems

#### **Closed System Devices**

(low to medium vapour devices)



Open system devices include all electronic cigarettes which need to be manually filled with e-liquid before use. Closed system devices include pods and disposables where the e-liquid is enclosed in a sealed container. Closed system devices are generally considered safer due to decreased risk of contact with liquid nicotine through accidental oral or dermal exposure.

#### Nicotine Vaping Product Analysis: Evidence from the University of Wollongong - Accompanying document

<sup>\*\*</sup> Uncommon salt concentrations.