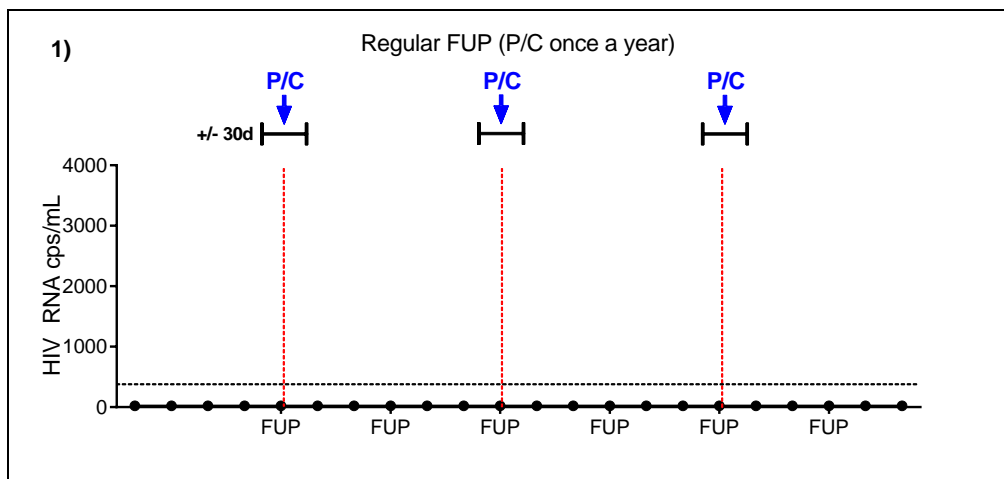


## SHCS rule for plasma sampling

### Rule

**ONE** plasma sample per year composed of **FIVE aliquots** ( $\geq 0.5$  mL) should be taken (max +/- 30 days from follow-up visit) [figure 1].



### Exceptions

#### Registration

At registration and at the **following 4 follow-up** visits, **FIVE** aliquots should be taken [figure 2 and 3].

#### Viral load >400 cps/mL

- When a **VL >400 cps/mL** was detected, **4 follow-ups** have to be sampled (virological failure or treatment naive) [figure 4 and 5].
- Always the last follow-up with a VL >400 cps/mL has to be considered [figure 6].
- If there was no follow-up visit at the date of VL >400 cps/mL or no sampling was performed within the allowed 30 days, **the whole follow-up visit has to be repeated at the next visit** (complete cohort visit (!), no penalties are given for too close follow-up visits in this case (<120 days) [figure 7]).

### Summary

event	no. of aliquots to be taken				
	registration	year 1		year 2	
		FUP 1	FUP 2	FUP 3	FUP 4
registration	5	5	5	5	5
VL >400 cps/mL on ART after undetectable VL or not on ART		5	5	5	5
regular FUP, VL <400 cps/mL		5	0	5	0

