

BREACH
BELGIAN RESEARCH AIDS&HIV CONSORTIUM



How to communicate on HIV cure with patients ? (hope, expectations vs reality)

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Infectious Diseases Department



The value that patients place on risks and benefits
– in various dimensions –
compared to current ART,
will determine acceptability in clinical trials

Patient considering cure therapies trials

- Will need thorough education
- May have to overcome substantial uncertainties
 - in side effects
 - in prospect of benefits

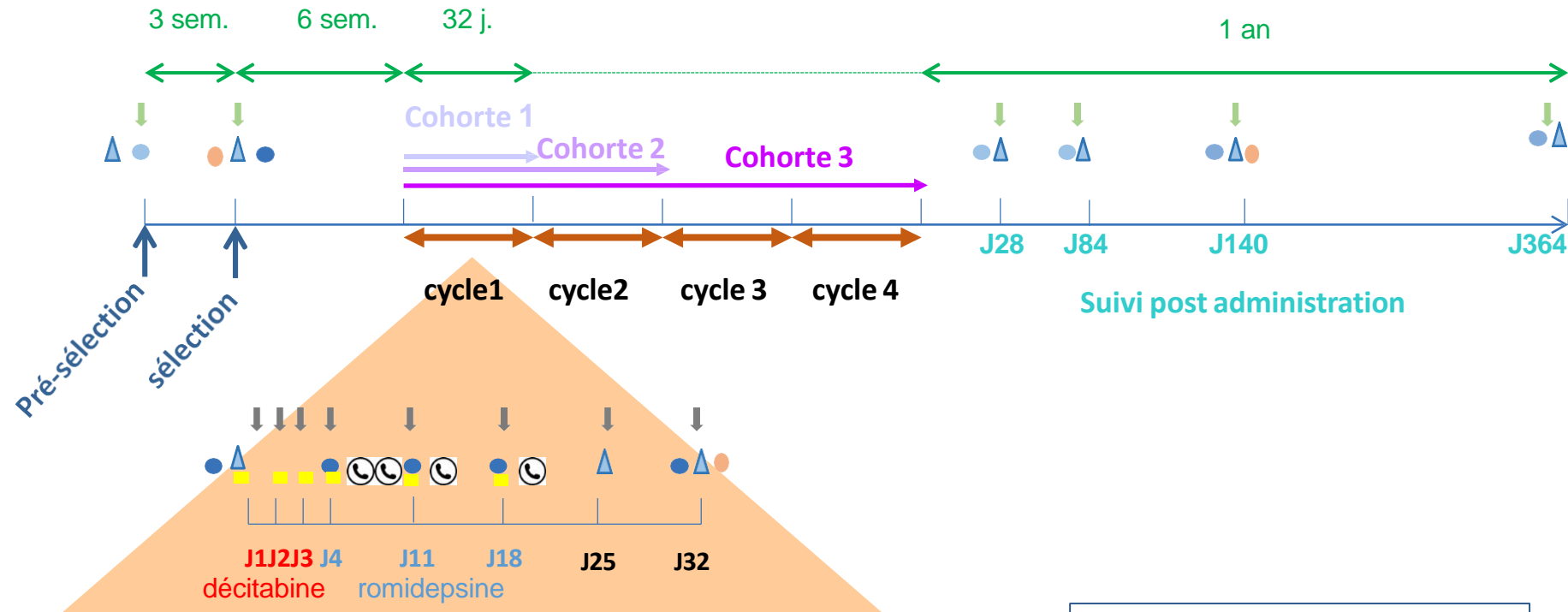
How to communicate to patients volunteering for a cure trial

A real life experience

The SYNACTHIV Phase 1 Trial

Déroulement de l'essai

Descriptif :



- ▲ CV VIH local
- ADN VIH; ARN US; Transcrits
- ADN VIH; ARN US
- Réactivation
- Dosage déci/romi (uniquement cycle1)

- 📞 Contact tél.: J5, J8, J12, J19
- ↓ Bilan de sécurité: J1, 2, 3, 4, 11, 18
- ↓ Bilan complet

How to communicate to patients volunteering for a cure trial

A real life experience (1)

- HIV is currently not curable
Why ?
- What does Cure mean ?
Eradication vs remission

Two forms of cure

1. Eradication (or sterilizing) cure

(Complete eradication of all replication competent provirus, including removal of viruses in cellular and anatomical reservoirs)

2. Functional cure (or Long-term remission)

(Viral reservoir depleted to the extent that cessation of ART will not result in immediate viral rebound)

How to communicate to patients volunteering for a cure trial

A real life experience (2)

- Where are we in the Cure research agenda today?
- Which strategies are being tested ?

Strategies for an HIV Cure

- Shock and Kill
 - Block and Lock
 - Genetic methods
 - Immune therapies
- Combinaison of different strategies will probably be needed



How to communicate to patients volunteering for a cure trial

A real life experience (3)

- What is the rationale behind our trial?
- How did we develop this strategy ?
- How long did it take? Why ?

How to communicate to patients volunteering for a cure trial

A real life experience (4)

- What do we expect from this strategy?
- What do we not expect ?
- What is the primary goal of the trial?

How to communicate to patients volunteering for a cure trial

A real life experience (5)

- What do we know about the drugs that will be used?
- What are their tolerability profile?
- Could the trial medication lead to long-term side effects?
- How to manage to potential risk of fertility issues ? (only male volunteers)

How to communicate to patients volunteering for a cure trial

A real life experience (6)

- How will the trial medication be administered ? And where?
- What about the ARV medication ? Any change? Drug interruption ?
- How will volunteers be managed?
- How will they be compensated?

Thank you

to all the patient volunteers,
to the doctors who propose the study to them,
to the research team at Saint Pierre University Hospital,
to the ANRS teams
and to all the partners involved in this research.

And to you for your attention.