



# **ITALIAN PROSTATE BIOPSIES GROUP: UPDATED GUIDELINES' COMPENDIUM**

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## **INTRODUCTION:**

The following schemes are a synopsis derived from the updated ITALIAN PROSTATE BIOPSIES GROUP'S GUIDELINES, rated through the GRADE SYSTEM. They have been designed to guide the Physicians through the prostate biopsy/re-biopsy “decision making” process and to aid them during the same procedure.

## **HOW TO READ THE GUIDELINES' COMPENDIUM:**

For each “Critical Hotpoint “ the weight of every factor to consider will be represented by three different arrows:



**ADVISABLE:** All the FACTORS/ACTIONS we suggest to evaluate and/or carry out



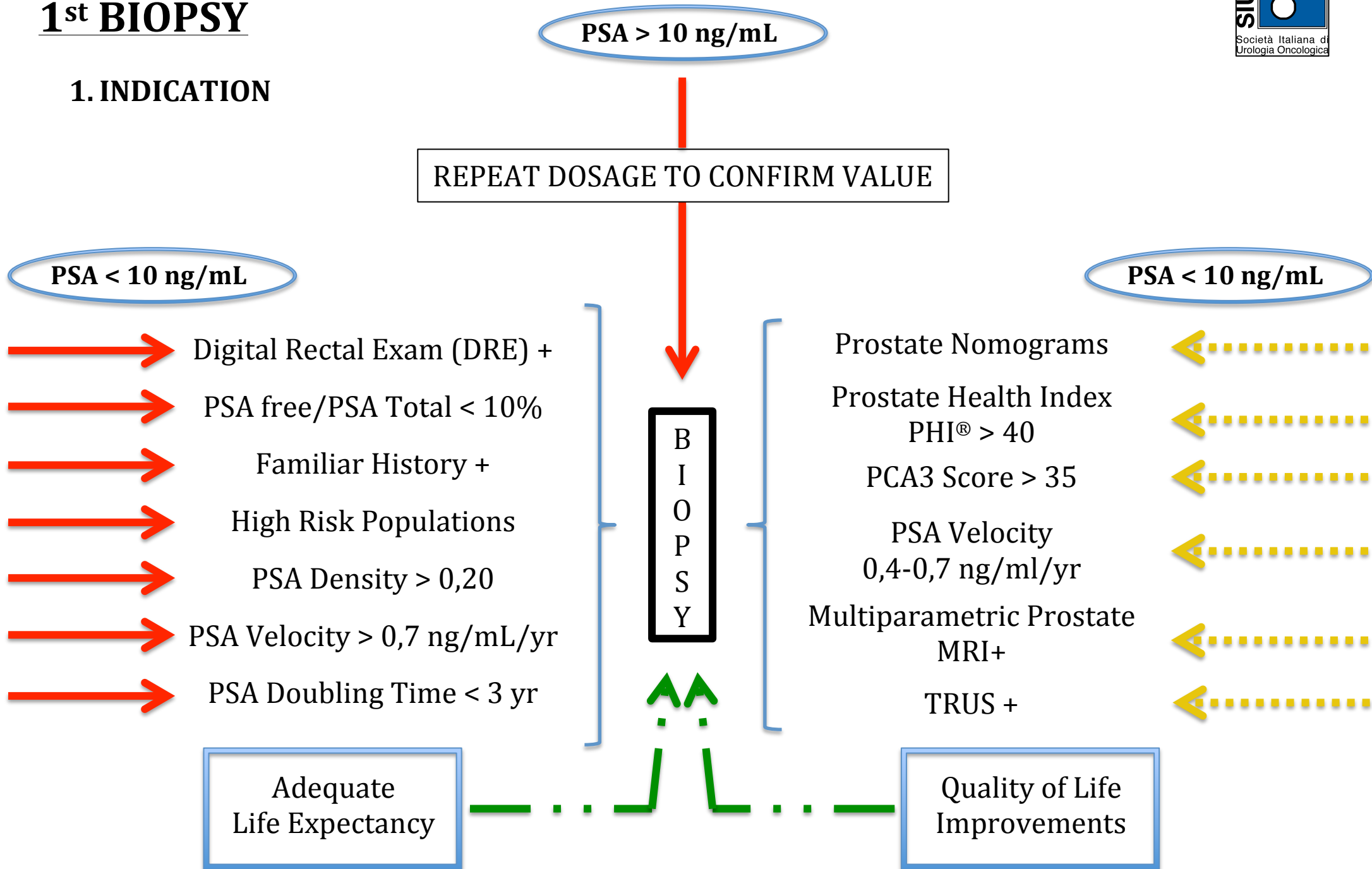
**OPTIONAL:** All the FACTORS/ACTIONS we consider optional to evaluate and/or carry out



**MODULATING FACTORS:** Aspects that might influence the FACTORS/ACTIONS during the clinical practice

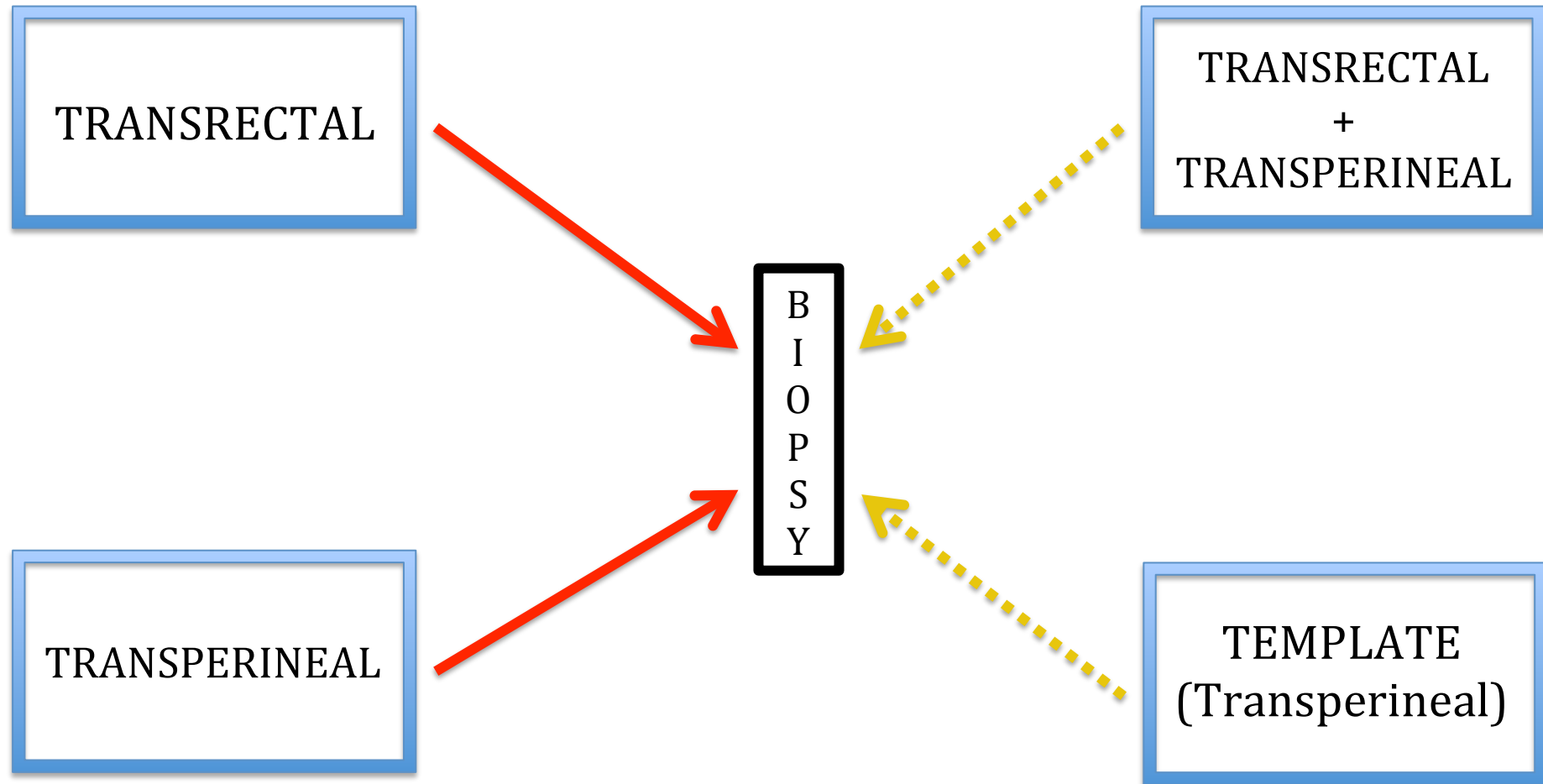
# 1<sup>st</sup> BIOPSY

## 1. INDICATION



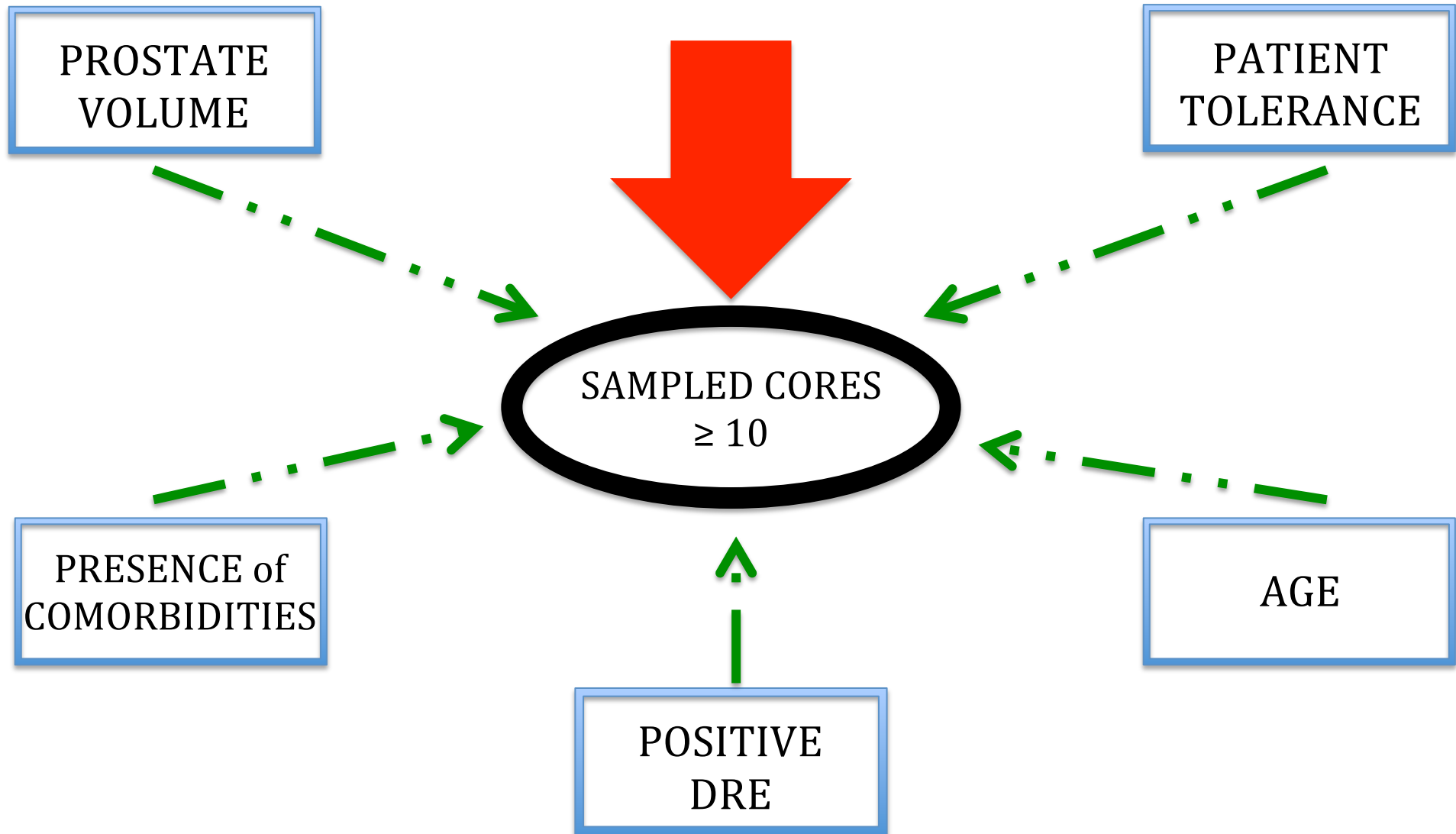
# 1<sup>st</sup> BIOPSY

## 2. BIOPSY TECHNIQUES



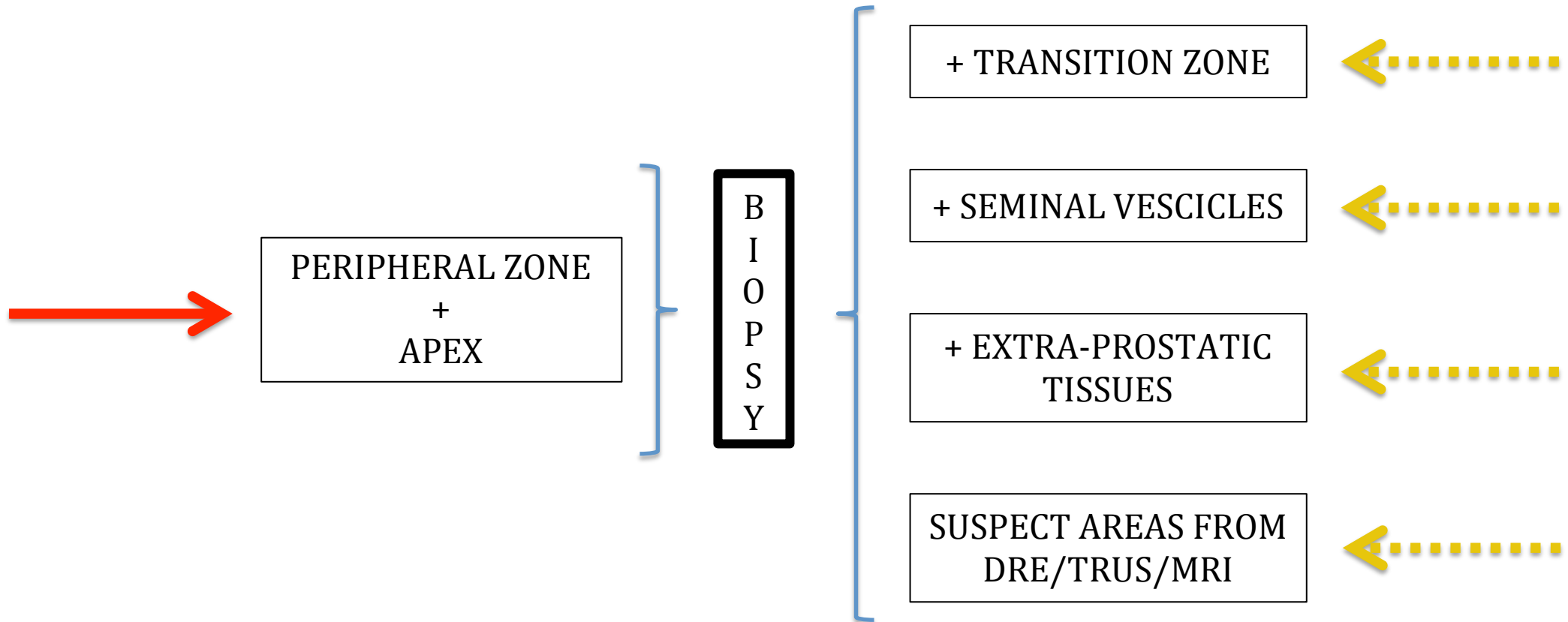
# 1<sup>st</sup> BIOPSY

## 3. NUMBER OF SAMPLED CORES



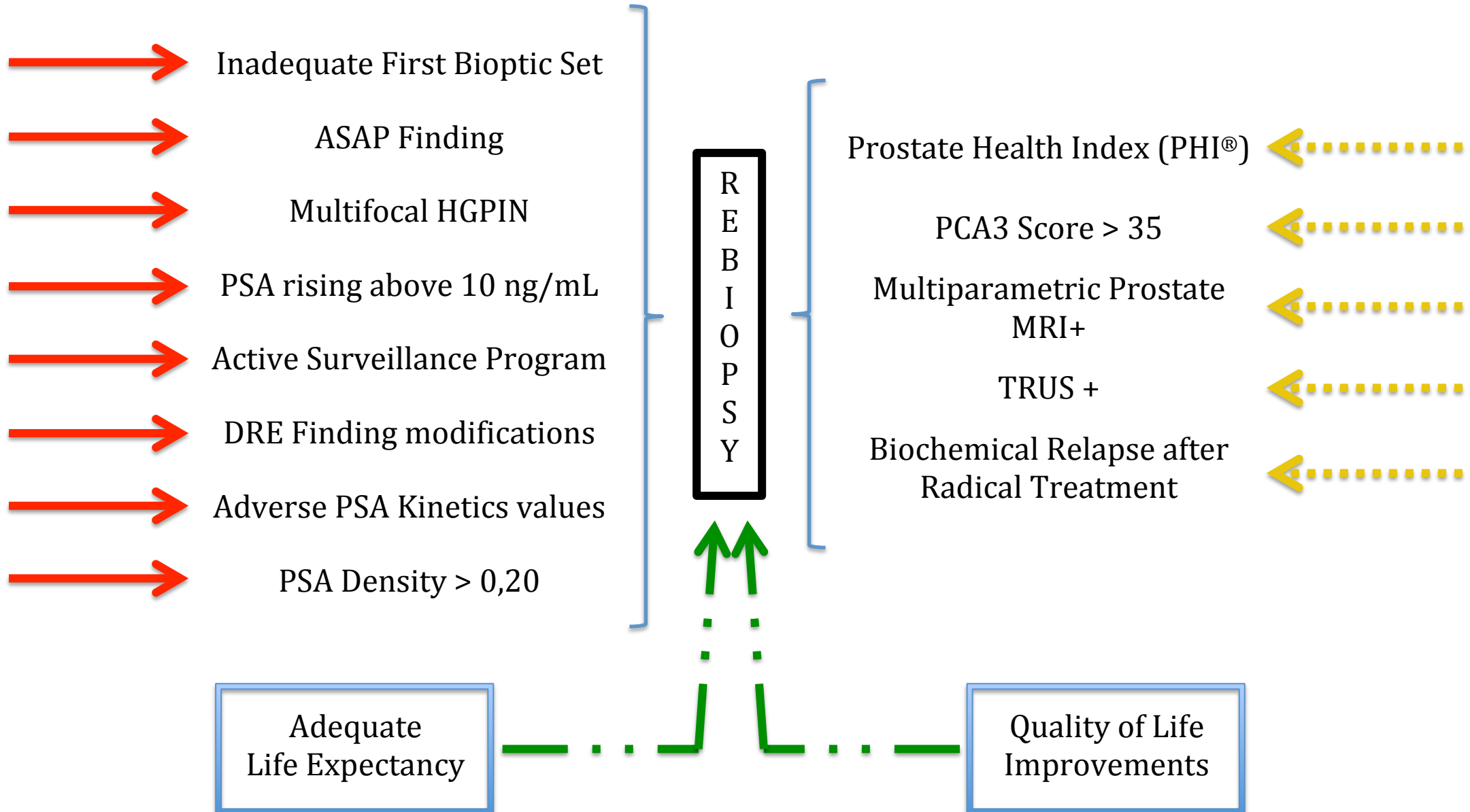
# 1<sup>st</sup> BIOPSY

## 4. SAMPLED AREAS



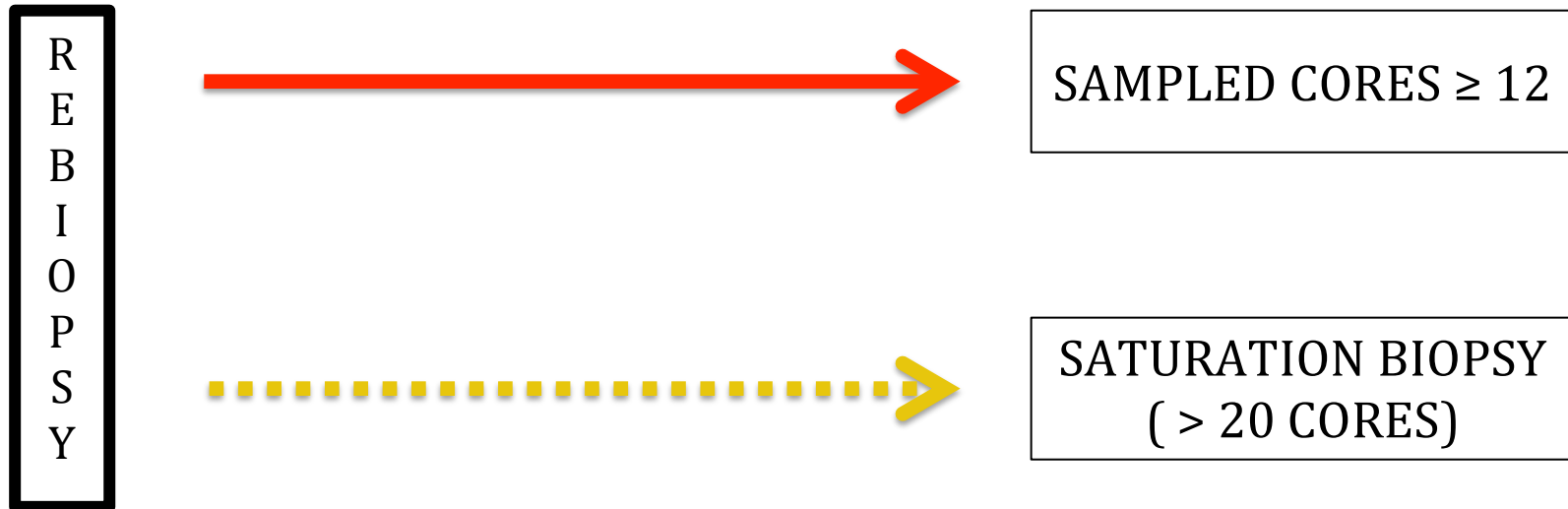
# RE-BIOPSY

## 1. INDICATION

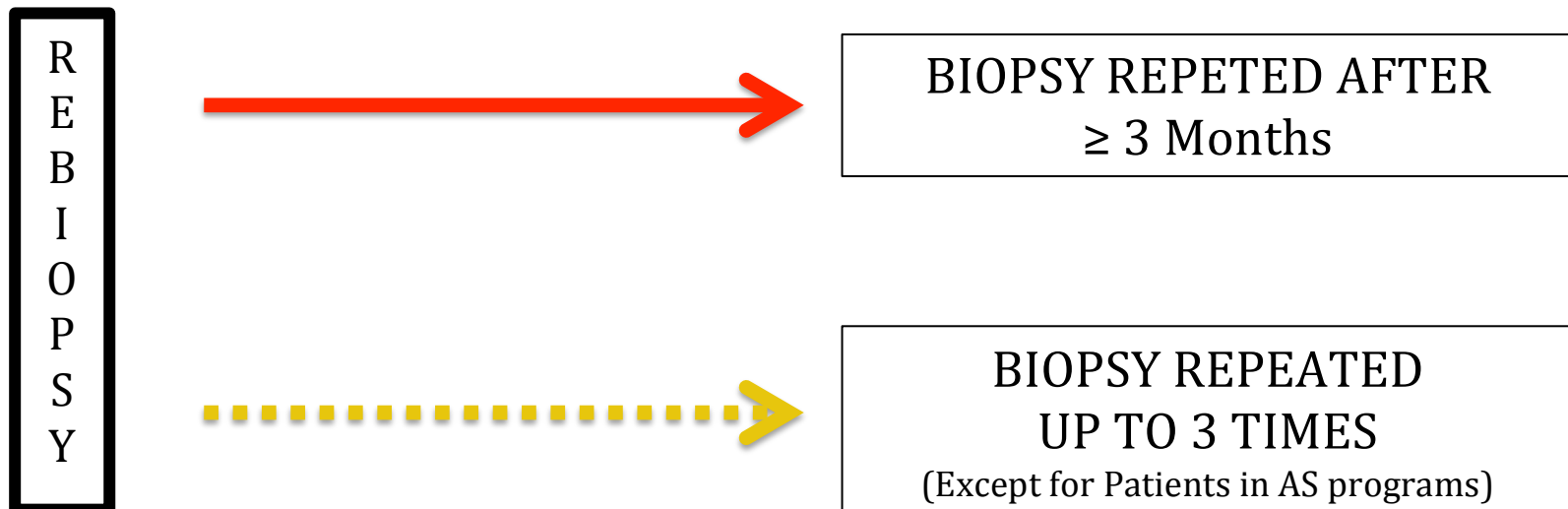


# RE-BIOPSY

## 2. NUMBER OF SAMPLED CORES



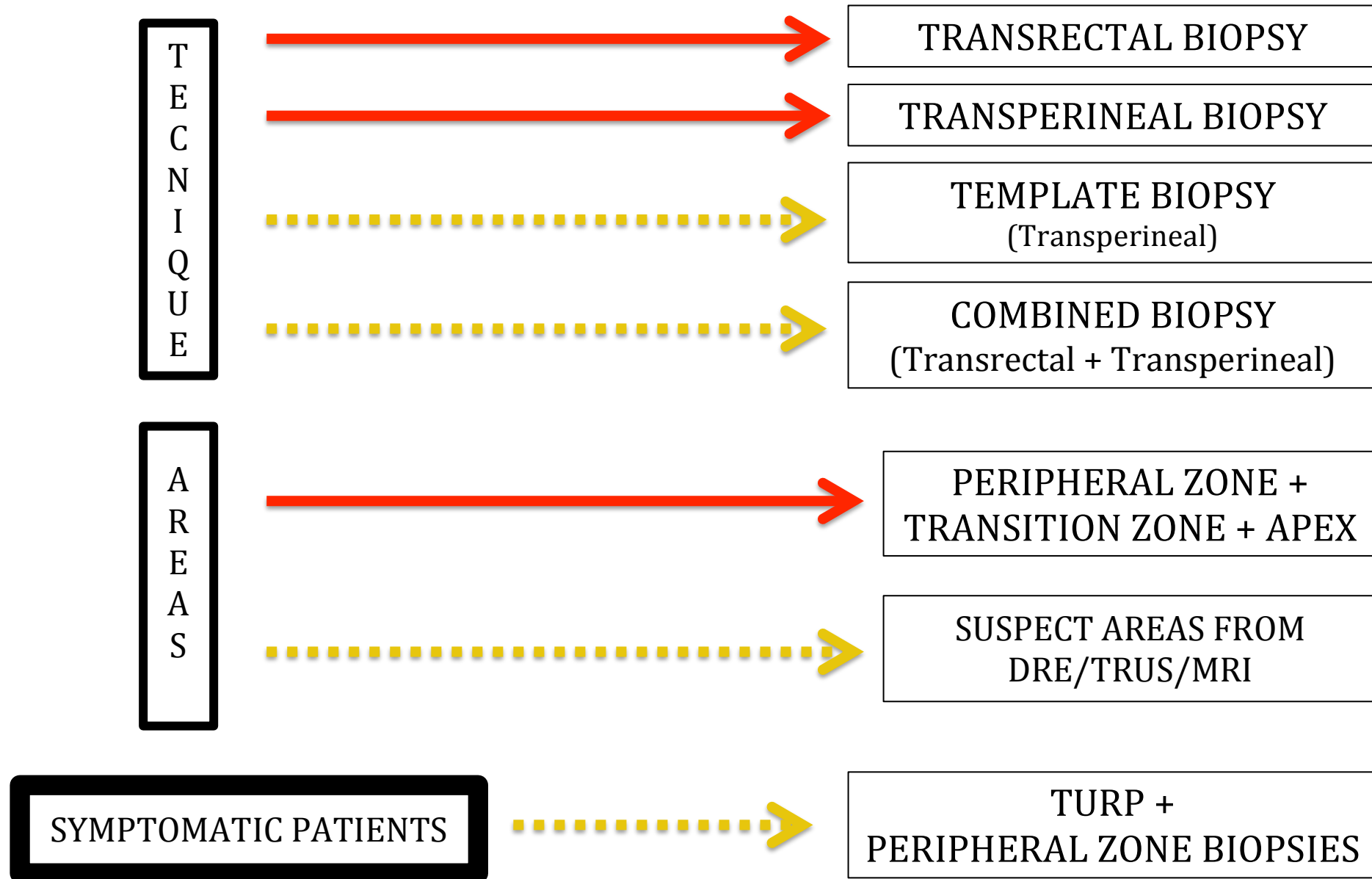
## 3. REBIOPSY TIMING





# RE-BIOPSY

## 4. BIOPSY TECHNIQUE AND SAMPLED AREAS



# PROSTATE BIOPSY: PREPARATION

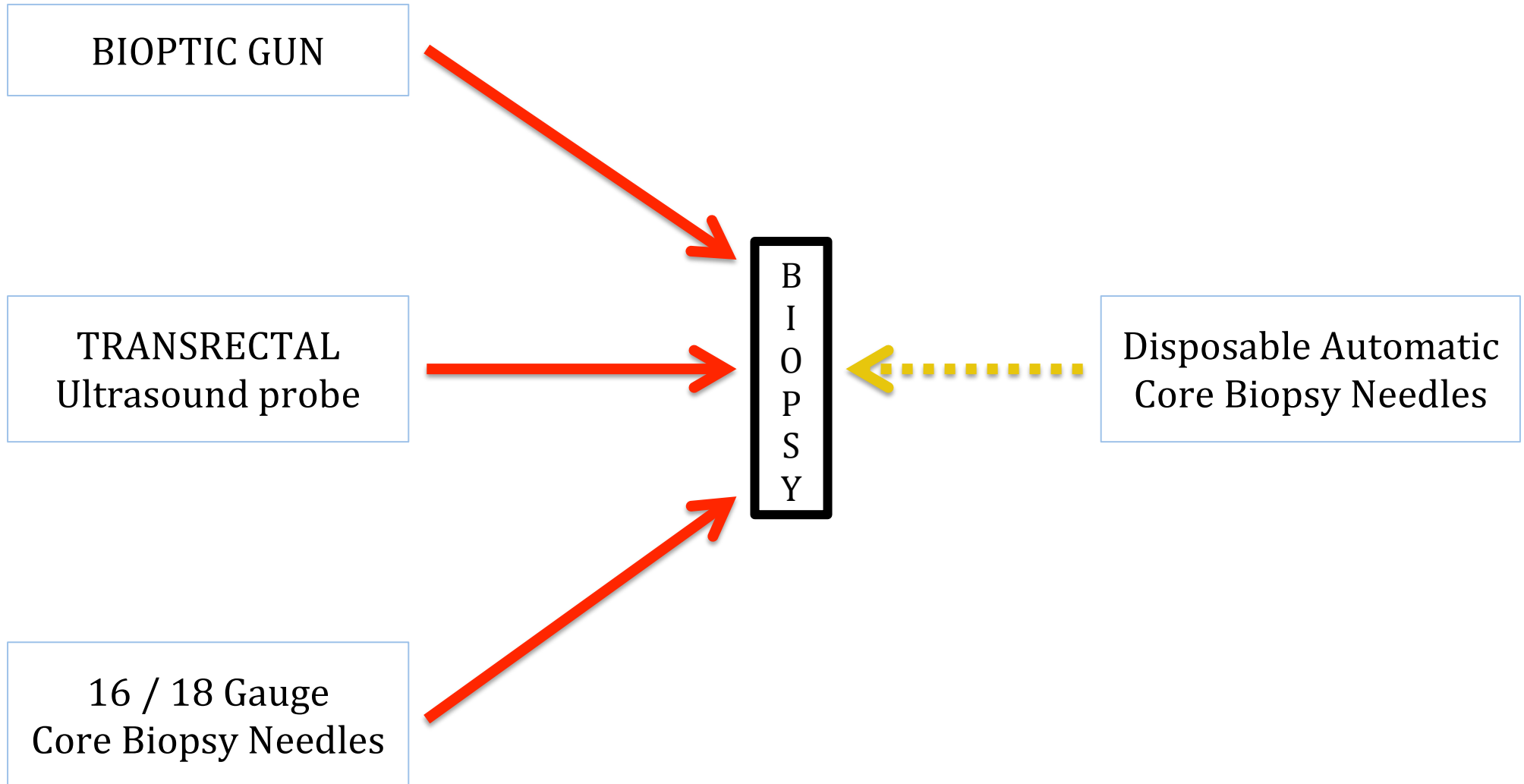
- Providing informed consent
- Co-medication History
- Antiaggregant withdrawal  
(including ASA > 100mg/die)
- Antibiotic Prophylaxis  
(Transrectal Biopsies)
- Endocarditis Prophylaxis  
(where required)
- Cleansing Enema
- Local Anesthesia\*  
(infiltration +/- lidocaine jelly)

B  
I  
O  
P  
S  
Y

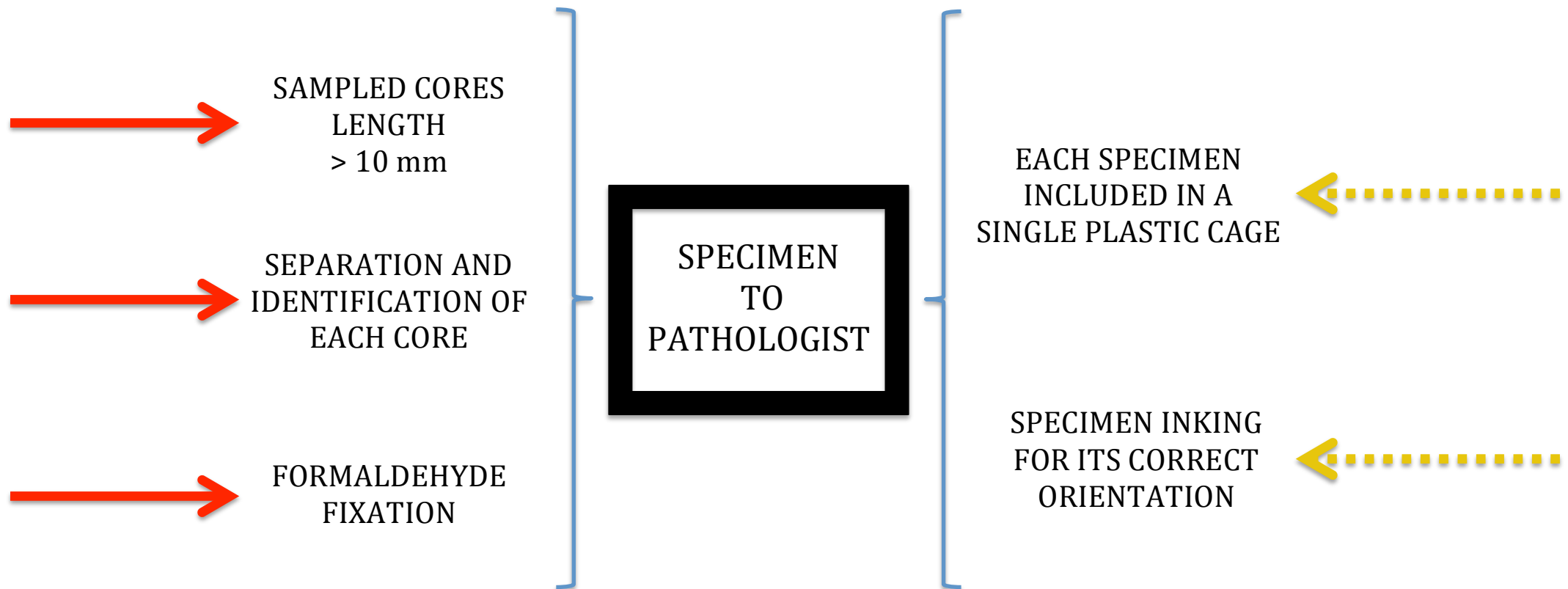
- Viral Markers
- Coagulation screening panel
- low Dose ASA withdrawal  
( $\leq 100\text{mg/die}$ )
- Switching from Antiacoagulant  
to LMWH
- Urine and/or Semen culture
- Antibiotic Prophylaxis  
(Transperineal Biopsies)
- Antibiotic Therapy  $\geq 3$  Days
- Carbapenem-Resistant  
Enterobacteriaceae  
rectal swab
- Ansiolitic and/or Analgesic  
administration
- General Anesthesia

\*Except for patients contraindications or choice

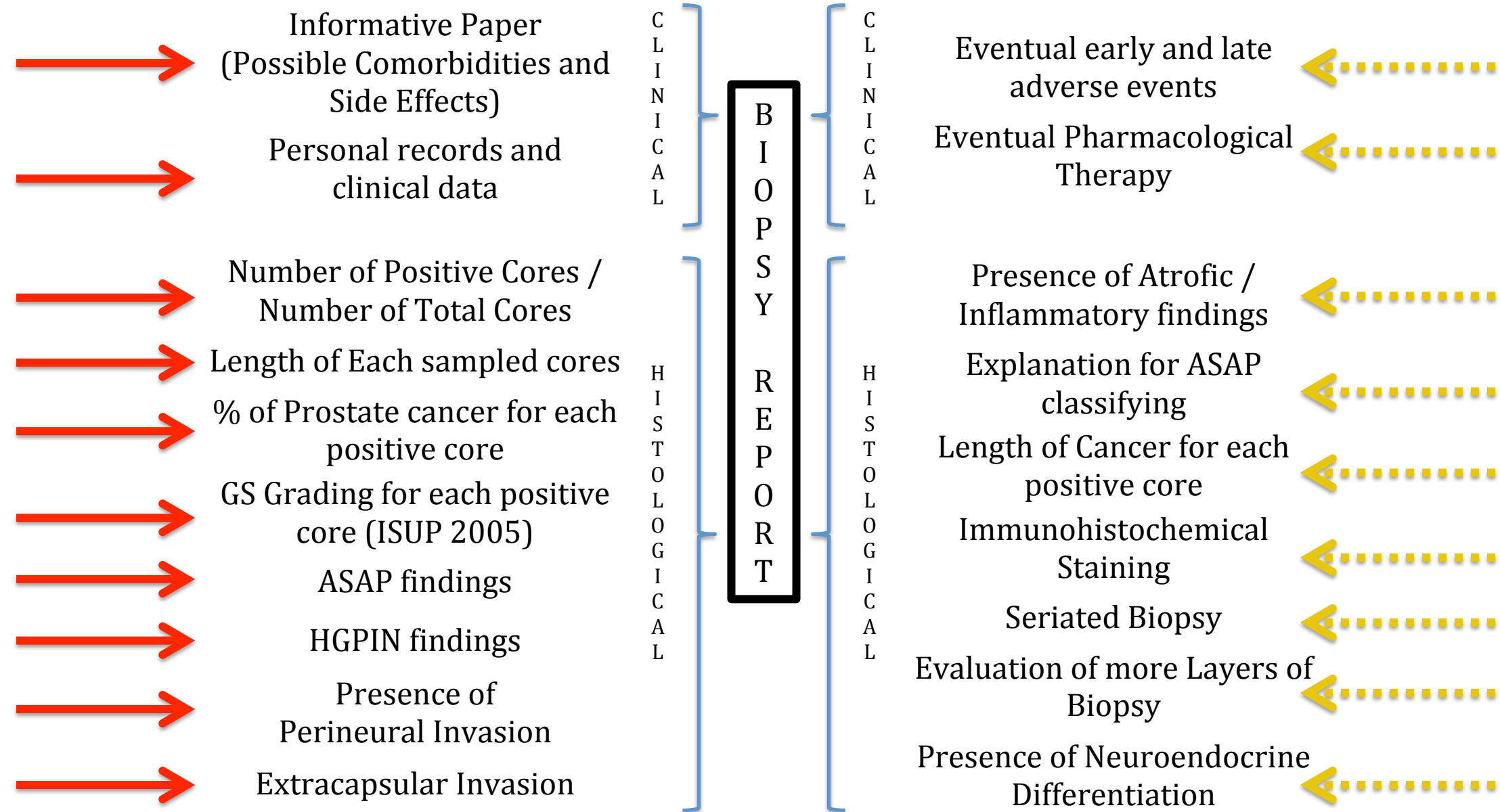
# PROSTATE BIOPSY: REQUIRED MATERIALS



# PROSTATE BIOPSY: PREPARATION OF THE SAMPLED SPECIMENS



# PROSTATE BIOPSY: REPORT PREPARATION



# PROSTATE BIOPSY: HISTOLOGICAL REVISION

