

# CORIOLUS VERSICOLOR AND TREATMENT OF HIGH-RISK HPV

Dr. M Riera Blasco, Dr. B Ruperez Perez,  
Dr. I Lazaro Vicario, Dr. A Felgueroso,  
E Fontanet Perez, Dr. A Aguayo Alba

Institut Català de la Salut  
ASSIR Delta del Llobregat  
Barcelona, Catalonia, Spain

# Disclosures

- No financial relationships or conflict of interest to disclose.

# What is coriolus versicolor?



- It is a mushroom whose biomass is composed of polysaccharides  $\beta$ -glucans, polysaccharide-K / Krestin (PSK) and polysaccharide peptide (PSP).
- This biomass acts as a non-specific immunomodulator boosting the immune system because proteoglycans PSK and PSP stimulate the effect of the natural killers and increase the number of lymphocytes.

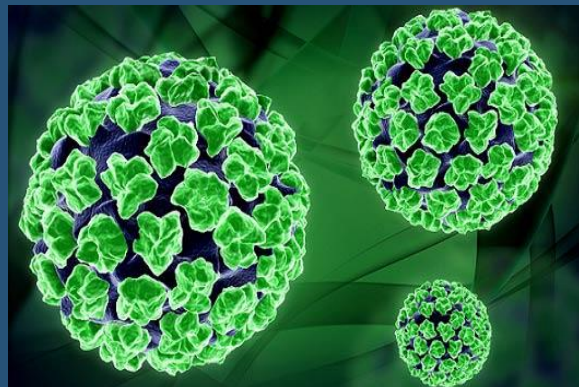
# CORIOLUS VERSICOLOR AND TREATMENT OF HIGH-RISK HPV

Retrospective descriptive observational study.

# CORIOLUS VERSICOLOR AND TREATMENT OF HIGH-RISK HPV

## Objective

Evaluate the efficacy of coriolus versicolor vaginal gel in patients with positive high-risk HPV.



We perform the determination of the high risk papiloma virus by hybrid capture.

When the result is positive we perform a colposcopy and biopsy (if applicable) following the protocols of the ICO (Instituto Catalán de Oncología).

# CORIOLUS VERSICOLOR AND TREATMENT OF HIGH-RISK HPV

## Material and Methods

- Patients aged between 20-65 years old with positive high-risk HPV derived from the general gynecology consultation to the Cervical Pathology Unit with normal colposcopy.
- Patients aged between 20-65 years old with LSIL lesion confirmed by biopsy.
- These patients underwent coriolus versicolor vaginal gel treatment for 21 days, one application per day and then an alternate day application for 6 months.
- Study interval from December 2016 to October 2017.

# CORIOLUS VERSICOLOR AND TREATMENT OF HIGH-RISK HPV

## Inclusion criteria

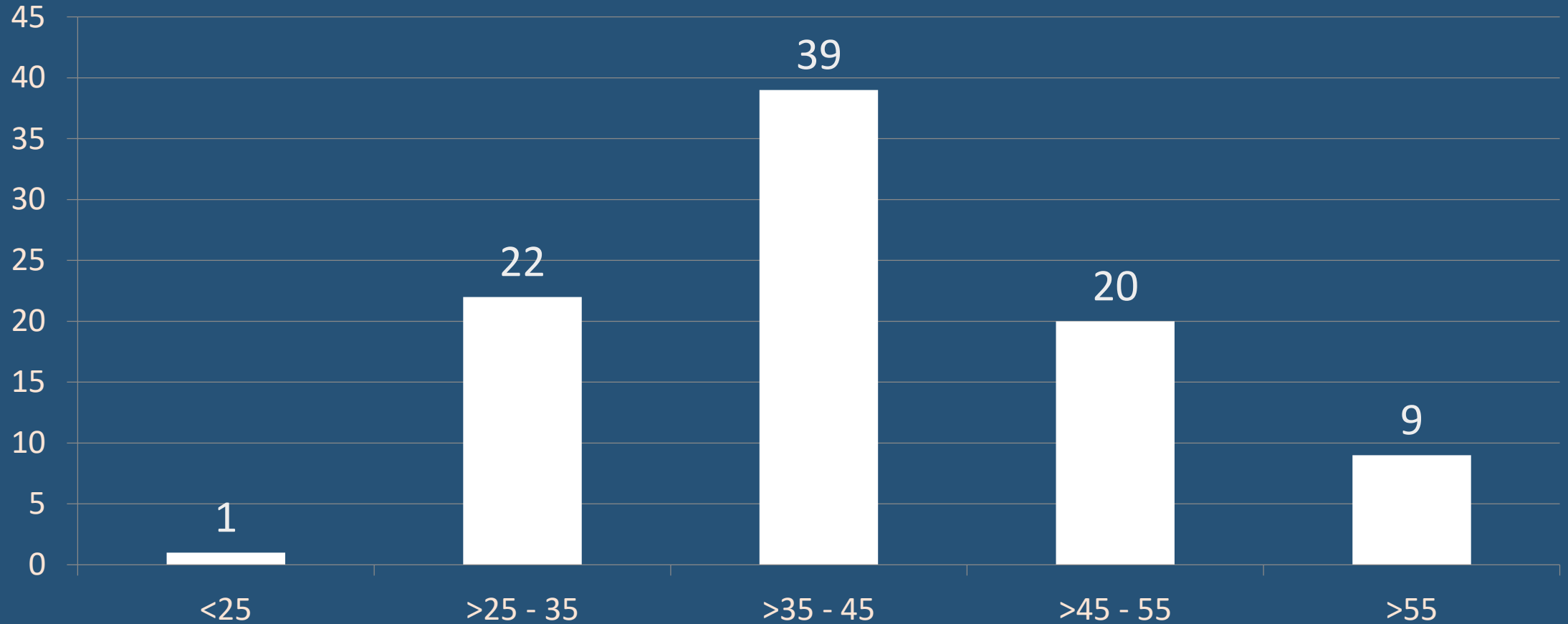
- Patients between 20 and 65 years old with:
  - High-risk HPV positive with normal cytology and colposcopy.
  - Diagnosis of ASCUS with HPV positive and normal colposcopy.
  - Diagnosis of LSIL by biopsy.

## Exclusion criteria

- Patients vaccinated with Bivalent, Tetravalent or Nonavalent vaccine.
- Pregnant patients.
- Immunosuppressive diseases (HIV and anothers).



# Age distribution



# Total patients: 91

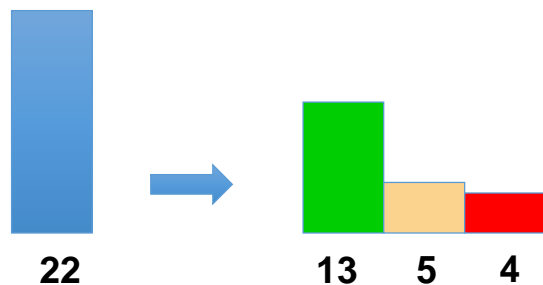
<b>A</b> <b>46</b> patients	<b>B</b> <b>45</b> patients
-----------------------------------	-----------------------------------

**A** -Patients with lesion 46 (50.5%)  
**B** -HPV + without lesion 45 (49.5%)

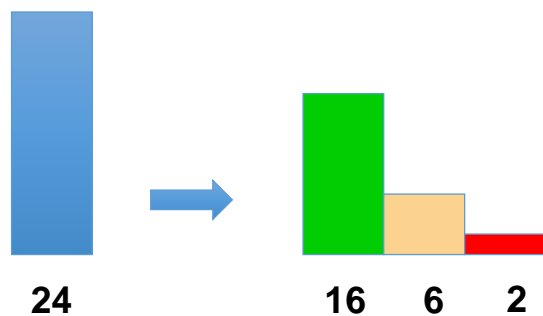
# RESULTS

A

ASCUS



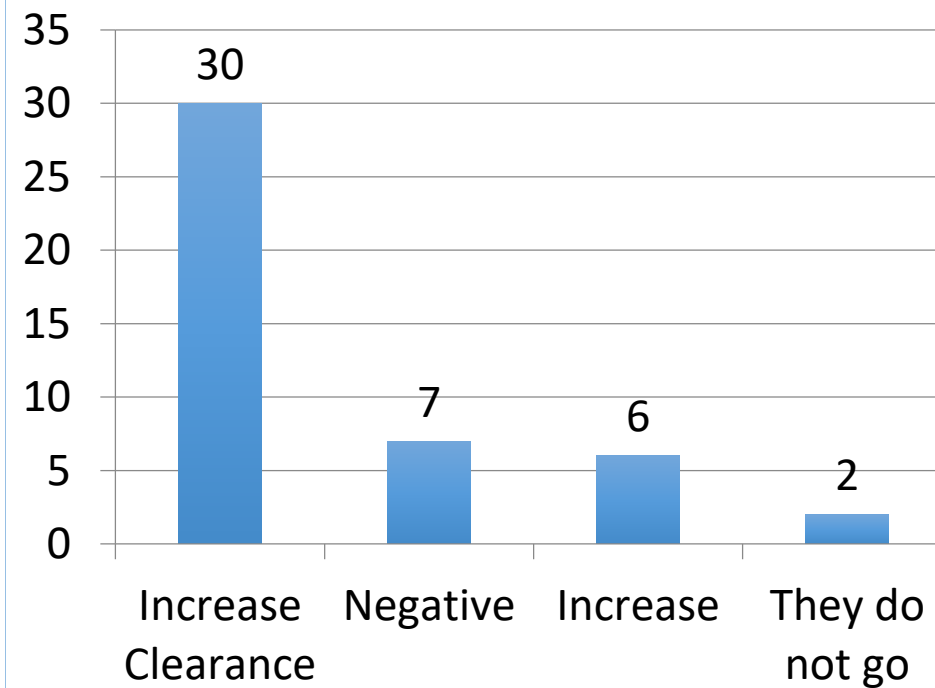
LSIL



■ viral load or normalize ■ NO effect ■ worsens degree of lesion

B

Patients



# Total patients: 91

<b>A</b> <b>46</b> patients	<b>B</b> <b>45</b> patients
-----------------------------------	-----------------------------------

**A** -Patients with lesion 46 (50.5%)  
**B** -HPV + without lesion 45 (49.5%)

## Globaly **A+B**

HPV clearance amounts to 66 cases (72.5%) in total,  
29 cases (63%) of pathological cytology  
and 37 cases (82.2%) of normal cytology.

# CONCLUSIONS

- Coriolus versicolor vaginal gel appears to be effective against ASCUS and LSIL lesions.
- In HPV positive patients with normal cytology, there is a clearance of the virus at 6 months after starting treatment.
- The investigation of the effect of coriolus versicolor in patients with high-risk HPV + should continue to endorse the preliminary results obtained.

[blas.ruperez@hotmail.es](mailto:blas.ruperez@hotmail.es)  
[mriera@ambitcp.catsalut.net](mailto:mriera@ambitcp.catsalut.net)



*Improving Lives Through the Prevention & Treatment  
of Anogenital & HPV-Related Diseases*

**ASCCP2018 Annual Meeting**



Thanks for your attention

