

HERPETIČNA I POSTHERPETIČNA NEURALGIJA

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HEPMP
HIGHER EDUCATION PAIN MEDICINE PROJECT

Project number: 585927-EPP-1-2017-1-RS-EPPKA2-CBHE-JP (2017 – 3109 / 001 – 001)

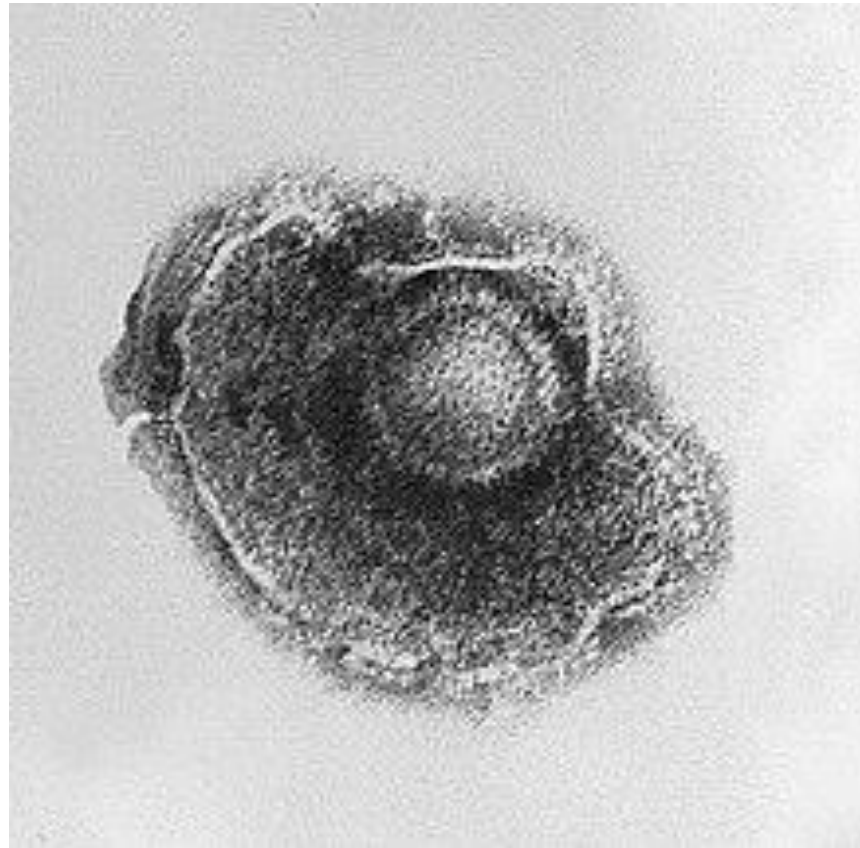
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Herpetična neuralgija

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Virus herpes zoster



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Epidemiologija

Herpes zoster 3.6.....1000 - god.

Kod mlađjih osoba 2.....1000 -god.

Kod starijih od 80 g.12....1000 -god.

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Tok bolesti

Akutna faza

-Herpetična neuralgija (bol)

-Herpetični raš(promjene po koži)

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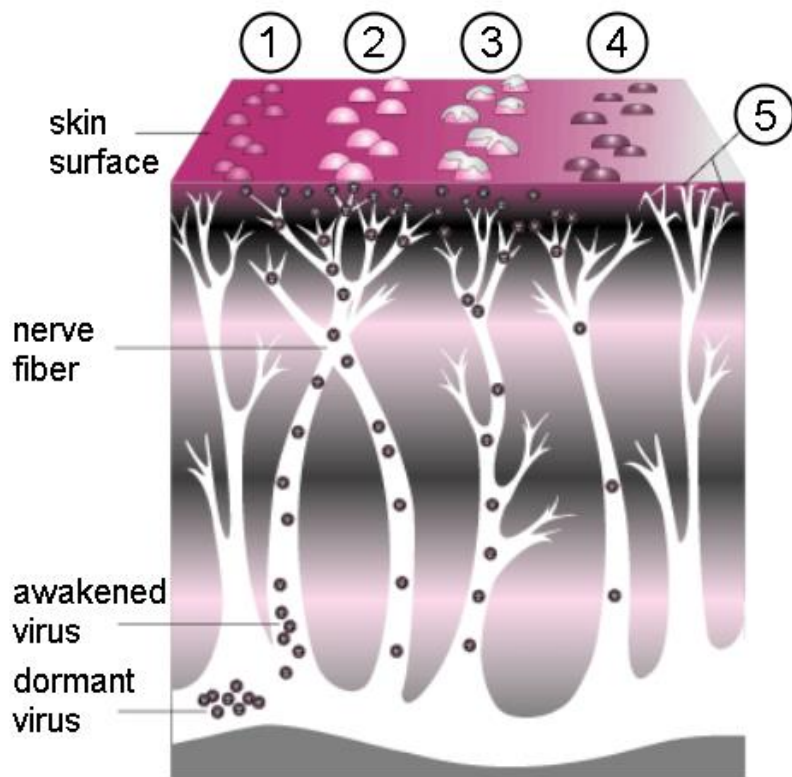
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Postherpetična neuralgija

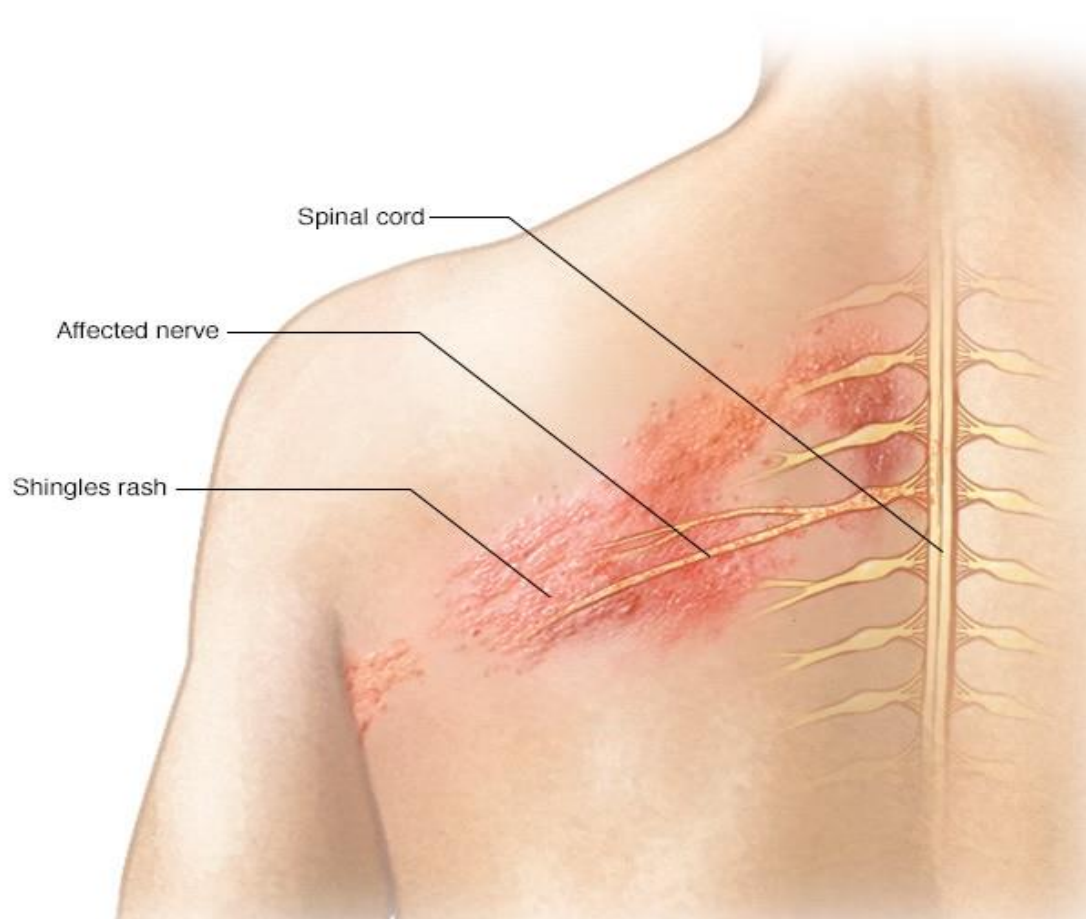
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Patofiziologija postherpetične neuralgije



su izazvani reaktivacijom **virusom varicella zoster** koji se nalazi u latentnom stanju u neuronima ili satelitskim ćelijama i ganglionima zadnjeg korjena , kranijalnih nerava I/ili autonomnog nervnog sistema



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-Bol *ima kvalitet svraba ,žarenja,
peckanja,probadanja ,paljenja a javlja se
prilikom dodira odjeće ili pokrivača (alodinija)*

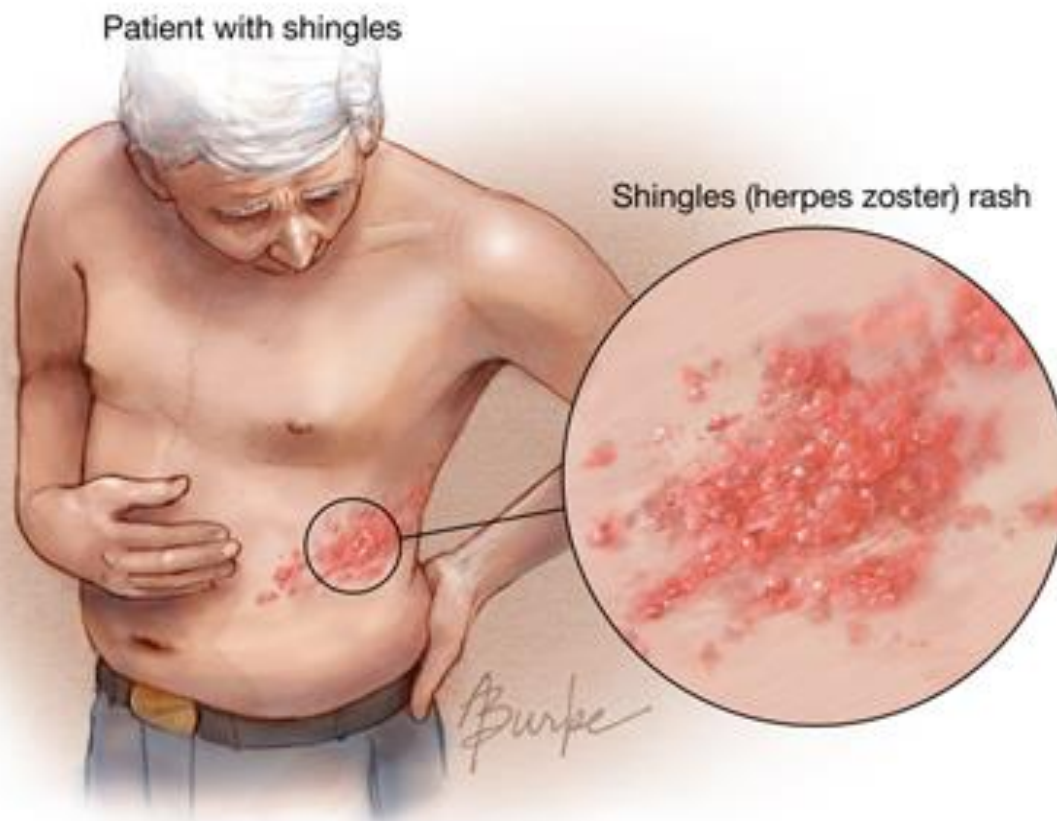
PHN –

*bol koji traje duže od 3 mjeseca (4-6) poslije
oporavka od VZV infekcije predstavlja PHN*

Faktori rizika

- starenje (5-10 puta kod starijih od 60 god)
- maligne bolesti (leukemija i limfoma)
- autoimunih bolesti (RA , SL)
- asthma
- dijabetesa
- HIV infekcije
- podhranjene i gojazne osobe

Klinička slika PHN



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- **Bol** – *intenzitet od neprijatnosti do suicidalnog bola*
 - *hronična –neuropatska koja traje i nekoliko mjeseci*
 - *smanjenje kvaliteta života*
 - *poremećaj sna*
 - *poremećaj raspoloženja*

Dijagnoza PHN



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Dijagnoza PHN

- Anamneza
- Klinička slika
- PROBLEM - Herpes zoster sine herpete
- VZV antitijela IgM
- PCR detekcija virusa
- Analiza cerebrospinalne tecnosti
- *PD-Q*

Faktori rizika

- starija lica od 60 g. 5-10 puta veća
- Imunodeficientna stanja
- Maligne bolesti (leukemije i limfomi)
- Diabetes

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Klinicka slika PHN

- Bol intenzitet od neprijatnosti do nepodnosljivog suicidalnog bola
- Bol u peredjelu gdje je bila ospa
- Hronican tok bolesti nekoliko nedjelja , mjeseci i godina
- Smanjen kvalitet zivota –poremećaj spavanja i premećaja raspoloženja

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Dijagnoza

- Anamneza i klinicka slika
- Detekcija VZV IgM antitela u krvi
- PSR
- Analiza cerebrospinalne tecnosti
- Testovi za otkrivanje neuropatske komponente bola PD-Q

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Terapija PHN

- **ANTIVIROTICI**

- **Acyclovir tab.800mg....5xd**
- **Valacyclovir tab.1000mg3xd**
- **Famcyclovir tab..500 mg 3xd**
- **(Brivudin)**
- **Kortiko terapija + kod ocnih PHN**

+

- **TERAPIJA BOLA**

- **Analgetici**
- **Opioidi**
- **Antidepresivi**
- **Antikonvulzivi**

Terapija bola kod PHN

Stepenasta farmakoterapija WHO



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• OPIOIDI

- Drugi terapijski izbor...aktiviranjem opioidnih receptora
- MORFIN,METADON,OKSIKODON,TROMADOL I FENTANIL
- OGRANICENJAnezeljena dejstva –mucnina I opstipacija

Redje centralna respiratorna depresija

Terapija PHN

- **Tricklični antidepresivi kod-perifernog PHN**
 1. Amitriptilin ..10-25 mg u jednoj vecrnjoj dozi do max 150 mg)
oprez kod kardijalnih bolenika
 2. Selektivni inhibitoriv preuzimanja serotoninina I noradrenalina
Vanalfaksin37,5-75 mg...do
150-225 mg max375 mg (dnevno)
Dulokstin60-120 mg
(dnevno)
 3. Antikonvulzivni lijekovi
Gabapentin 300 mg.....drugi dan
..max 3600 mg
Pregabalin 75 mg d. x 2 doze
- **Vakcina za prevenciju herpes zostera**

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Antikonvulzivni lijekovi

- Smanjeno oslobađanje eksitatornih neurotransmitera – glutamate ,noradrenalina I supstance P.
- Predstavnicima –gabapentin I pregabalin
- GABAPENTIN pocinje 300mg d.1200-3600 mg d.
- PREGABALIN ..150 mg u 2 doze

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Lokalni anestetici

- LIDOKAIN I KAPSAICIN kod lokalizovane NB....PHN I HIV neuropatije
- Svoje dejstvo ostvaruju lokalno preko koze I nemaju nezeljenih dejstava
- LIDOKAIN u obliku 5% lidokainskih flastera do 4 flastera dnevno ..24h
- KAPSACIN ...vaniloidn receptor krem ili gel

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Vakcina za prevenciju herpes zoster

- Vakcinacija sa atenuisanom formom VZV aktivira produkciju specifičnih T-limfocita
- Zaštiti efekat traje tri godine
- Nova vakcina koja sadrži VZV glikoproteinsku frakciju sa adjuvansom (nije još u primjeni)

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“... Još po nešto o bolu”



**Univerzitet Crne Gore
Medicinski fakultet u Podgorici
26. maj 2021. godine**

HVALA NA PAŽNJI!

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