

TRAUMATISMELE COLOANEI VERTEBRALE

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CARACTERISTICI

- VARSTE TINERE
- CEA MAI AFECTATA: COLOANA TORACOLOMBARA SI CERVICALA
- 30-40% COMPLICATII NEUROLOGICE

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MECANISM DE PRODUCERE

- HIPERFLEXIE
- HIPEREXTENSIE
- HIPERFLEXIE + HIPEREXTENSIE
- COMPRESIUNE VERTICALA
- TORSIUNE
- FORFECARE

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CLASIFICARE

- *LEZIUNI ALE CORPULUI:*
 - PARCELARE
 - TASARE
 - COMINUTIVE
- *LEZIUNI ALE ARCULUI POSTERIOR:*
 - APOFIZE ARTICULARE
 - LAMELE
 - APOFIZE SPINOASE
 - APOFIZE TRANSVERSE
 - PEDICULII
- *FRACTURI ASOCIATE*

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CLASIFICARE

- WATSON-JONES:
 - FRACTURI CU TASARE
 - FRACTURI COMINUTIVE
 - FRACTURI ASOCIATE CU LUXATII
- NICOLLE:
 - FRACTURA STABILA - LIGAMENT INTACT
 - FRACTURI INSTABILE- LIGAMENTELE INTERSPINOASE RUPT

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SIMPTOMATOLOGIE

- *ANAMNEZA*
 - DATE DESPRE MODALITATEA DE ACCIDENTARE
- *INSPECTIE:*
 - GIBUS CARATERISTIC
 - DATE INDIRECTE (LEZIUNI IN ZONA FRONTALA, OCCIPITALA)
- *PALPARE:*
 - DURERE
 - CONTRACTURA MUSCULARA PARAVERTEBRALA
 - SANT INTERVERTEBRAL

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EXAMEN NEUROLOGIC

- DEFICIT SENZITIV:
 - PARTIAL/TOTAL
 - PE DERMATOAME
 - DISTAL DE NIVELUL LEZIUNII
- DEFICIT MOTOR: PARTIAL/TOTAL PE MIOTOAME, ROT, SINDROM DE NEURON MOTOR PERIFERIC SAU CENTRAL
- DEFICIT VEGETATIV: TULBURARI SFINCTERIENE, TULBURARI VASOMOTORII

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EXAMEN RADIOLOGIC

- OBLIGATORIU: FATA + PROFIL
- INCIDENTE SPECIALE:
 - TRANSBUCALE: atlas, axis, odontoida
 - OBLICE: pediculi
- CT
- RMN

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COMPLICATII IMEDIATE: NEUROLOGICE

- SOCUL MEDULAR
- LEZIUNI RADICULARE
- SINDROMUL MOTOR
- SINDROMUL SENZITIV
- SINDROMUL VEGETATIV:
 - URINAR
 - PULMONAR
 - DIGESTIV
 - CARDIOVASCULAR

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COMPLICATII TARDIVE

- CALUS VICIOS
- TULBURARI TROFICE:
 - ESCARE
 - ATROFII MUSCULARE
 - OSTEOPOROZA
 - TULBURARI DE FANERE
- LUXATII SECUNDARE

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TRAUMATISMELE COLOANEI CERVICALE

- *FRACTURILE ATLASULUI*
 - CAP SUSTINUT DE MANA
 - TORTICOLIS TRAUMATIC
 - TETRAPLEGIE
- RX-TRANSBUCALE SI PROFIL: RUPTURI ALE ARCULUI POSTERIOR, ANTERIOR, FRACTURA MASELOR LATERALE, LUXATIA POSTERO-ANTERIOARA

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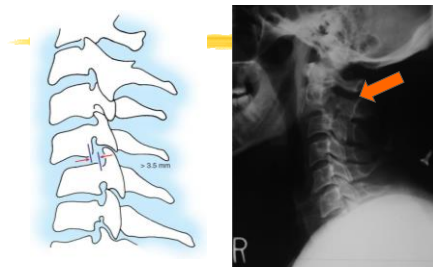
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TRAUMATISMELE COLOANEI CERVICALE

- **FRACTURILE AXISULUI**
 - DESTUL DE FRECVENTE, GRAVE
 - HIPERFLEXIE, TORSIUNE
 - FRECVENT FRACTURA APOFIZEI ODONTOIDE (50% DIN TOTALUL FRACTURILOR CERVICALE)
 - COMPLICATII: TETRAPLEGIE SI EDEM ASCENDENT AL TRUNCHIULUI CEREHAL

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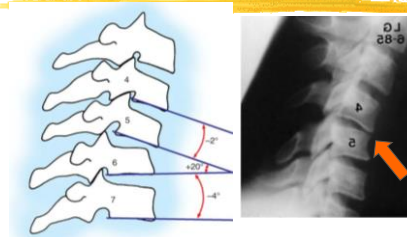
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TRAUMATISMELE COLOANEI CERVICALE

- **C3-C7:**
 - MAI ALES C5
 - FRECVENT LEZIUNI ALE APARATULUI LIGAMENTAR SI MAI RAR FRACTURI (ENTORSE, LUXATII)
 - RISC CRESCUT DE AFECTARE NEUROLOGICA

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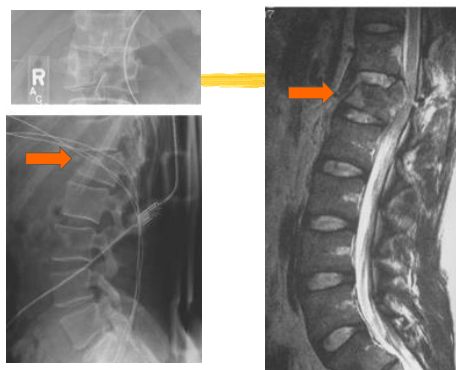
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TRAUMATISMELE COLOANEI TORACO-LOMBARE

- FRECVENTE
- "CENTRU TRAUMATIC" T12-L2
- RARE FRACTURILE COL. TORACALE (PROTEJATA DE GRILAJUL COSTAL)
- HIPERFLEXIA (TASARI CUNEIFORME)
- HIPEREXTENSIA (LEZIUNI ALE ARCULUI POSTERIOR CU AFECTARE NEUROLOGICA)

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TRATAMENT

- FRACTURILE ATLASULUI:
- *ORTOPEDIC*:
 - MINERVA FRONTO-OCCIPITO-MENTONIERA SI CORSET PENTRU 2 LUNI
 - TRACTIUNE 21 ZILE + MINERVA 3 LUNI
- *CHIRURGICAL*:
 - ARTRODEZA MIXTA OCCIPITO-ATLO-AXOIDIANA

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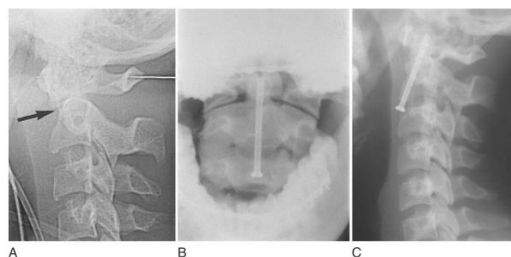
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TRATAMENT

- *FRACTURILE AXISULUI*:
- FRACTURILE APOFIZEI ODONTOIDE:
 - FARA DEPLASARE: MINERVA 3 LUNI
 - CU DEPLASARE: TRACTIUNE + MINERVA SAU ARTRODEZA MIXTA
- FRACTURILE ARCULUI POSTERIOR
 - IN GENERAL CHIRURGICAL-ARTRODEZA MIXTA POSTERIOARA

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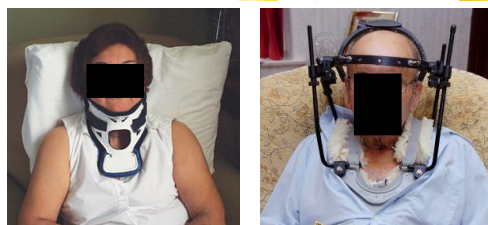
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TRATAMENT

- C3-C7:
- MINERVA OCCIPITO-MENTONIERA 2 LUNI
- EXTENSIE + MINERVA
- ARTRODEZA (CORECTIE + STABILIZARE)

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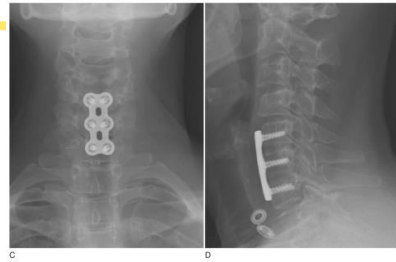
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TRATAMENT

- COLOANA TORACOLOMBARA:
- TASARE < 1/3 DIN INALTIMEA CORPULUI VERTEBRAL : TRATAMENT DE RECUPERARE PRECOCE
- TASARE > 1/3 DIN CORPUL VERTEBRAL: RECLINATIE VERTEBRALA + CORSET 2-3 LUNI
- FRACTURI INSTABILE: CHIRURGICAL: ARTRODEZA + FIXARE, CU/FARA DECOMPRESIE

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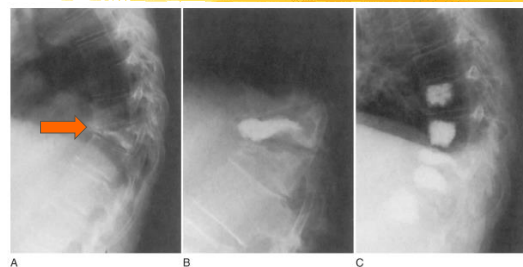


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VERTEBROPLASTIE PENTRU TASARE VERTEBRALA

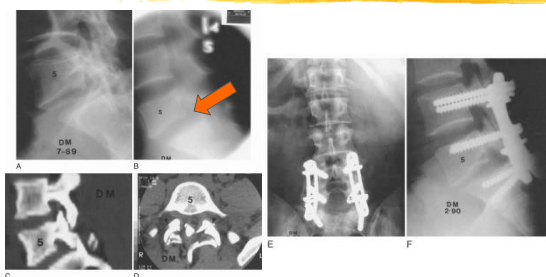


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ANTEROLISTEZIS TRAUMATIC L5-S1



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TRATAMENT

- PROFILACTIC: CENTURI DE SIGURANTA+ TETIERE
- PRIM AJUTOR: MUTAREA ACCIDENTATULUI IN BLOC PRIN TRACTIUNE IN AXUL CORPULUI CU EXTREMITATEA CEFALICA SUSTINUTA; ASEZARE PE UN PLAN DUR

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TRATAMENTUL COMPLICATIILOR NEUROLOGICE

- TETRAPEGICI - TRACTIUNE CRANIANA 3 SAPTAMANI (PT. DECOMPRESIE)
- PAT DUR
- TOALETA TEGUMENTE, MASAJE
- SONDA URINARA (SCHIMBATA LA 3-4 ZILE)
- TERAPIE MEDICAMENTOASA

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FRACTURILE BAZINULUI

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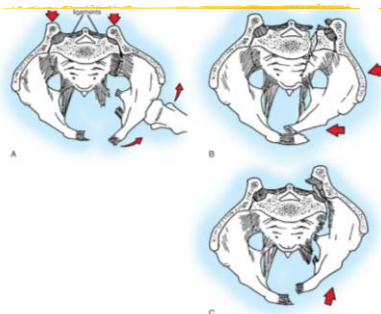
CARACTERISTICI

- ACCIDENTE RUTIERE
- PERSOANE TINERE
- 10% DIN ACESTIA DECEDEAZA
- RARE LA COPII

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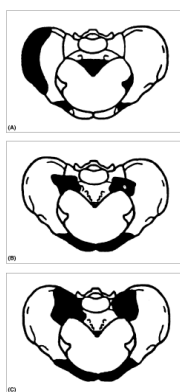
MECANISM DE PRODUCERE



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CLASIFICARE AO

- A: STABILE**
B: ROTATIONAL INSTABILE
C: COMPLET INSTABILE

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CLASIFICARE

- **FRACTURA OASELOR IZOLATE:**
 - FR. OSULUI ILIAC
 - FR. ISCHOIN
 - FR. PUBE
 - FR. SACRU, COCCIS
- **FRACTURA CENTURII PELVIENE:**
 - FR. UNICA VERTICALA
 - FR. DUBLA VERTICALA
 - FR. DUBLA VERTICALA ANTERIOARA BILATERALA
 - FR. CVADRUPLA, COMBINATII
- **FR. ACETABULARA**
- **DISJUNCTII**
 - SACROILIAE
 - PUBIANA

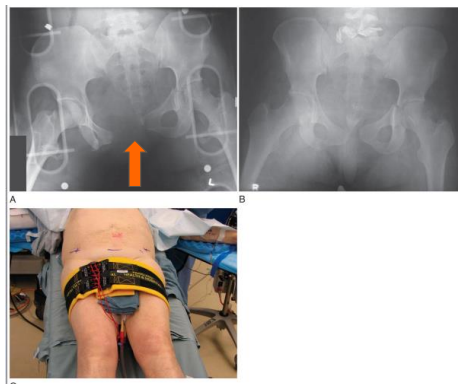
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SIMPTOMATOLOGIE

- STARE DE SOC
- MEMBRU PELVIN ROTAT EXTERN SAU SCURTAT
- TUMEFACTIE DISCRETA
- ECHIMOZA SCROTALA
- DURERI LA PALPAREA BAZINULUI (SIMFIZA PUBIANA, SACRU, CRESTE ILIAE, RAMURI PUBOILIAE)
- TUSEU RECTAL, VAGINAL

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EXAMEN RADIOLOGIC

- FATA
- OBLICA :
 - ILIACA (JUDET)
 - OBTURATORIE (JUDET)
 - 'INLET'
- CT CU RECONSTRUCTIE

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RX SI CT RECONSTRUCTIE 3D



Fractures of the Pelvis and Acetabulum, Wade, Bruce, Steven 2007

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COMPLICATII

- IMEDIATE:
 - SOC TRAUMATIC
 - LEZIUNI URETRO-VEZICALE
 - LEZIUNI VASCULARE
 - LEZIUNI NERVOASE (PLEX SACRAT, NERV SCIATIC)
 - LEZIUNI VAGINO-UTERINE

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COMPLICATII

- TARDIVE:
 - CALUS VICIOS
 - ARTROZE COXO-FEMURALE
 - TROMBOFLEBITE
 - STRICTURI URETRALE
 - NECROZE DE CAP FEMURAL

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TRATAMENT

- FRACTURI STABILE - REPAOS LA PAT PE UN PLAN DUR 3 SAPTAMANI
- FRACTURI INSTABILE:
 - TRACTIUNE TRASCHELETICA
 - CHIRURGICAL: CADRU EXTERN, SURUBURI, PLACI DE RECONSTRUCTIE

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TRACTIUNE



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STABILIZARE TEMPORARA CU CADRU EXTERN SI OSTEOSINTEZA CU SURUBURI ULTERIOARA



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Fractures of the Pelvis and Acetabulum, Wade, Bruce, Steven 2007

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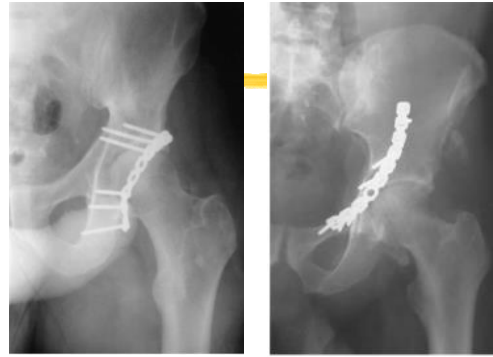
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Fractures of the Pelvis and Acetabulum, Wade, Bruce, Steven 2007

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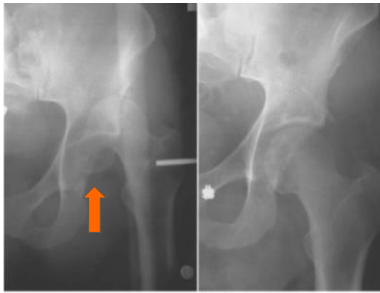


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LUXATIE POSTERIOARA SOLD CU FRACTURA PARCELARA DE CAP FEMURAL



A

B

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