



-RXUQDO RI /XQJ 'LVHDTVH 7UHDWF

&DVH 5HSRUW

2SHQ \$F

\$ &DVH RI *UDQXORPDWRV LV ZLWK 3RO\DQJLLV :DOOHG 3XOPRQDU\ &DYLW\

&KULVWRSKHU 12\$ODE/IDN&KIDUHOD *%\$DHFEDQNH 2 2@QGLDQGHXQH 2 \$ODEL
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 0HGLFDO VWXGHQW 6W 0DWWKHZ1V 8QLYHUVLW\ 6FKRRO RI 0HGLFQLH 2UODQGR)ORULGD 86\$
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 &RUHVSRQGLQJ RUDWWGRU2 \$ODEL 0')\$%60)&&3 \$VWHQGLQJ 3K\VLFLDQ)ORULGD /XQJ \$VWKPQD DQG 6
 (PDDODEL#~RULGDOXQJGRFRUV FRP

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\$EVWUDFW

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 SDWLHQW ZLWK JUDQXORPDWRV LV ZLWK SRO\DQJLLLV LV QRW FRPPRQ :H SUHV
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 GHQLWUL7KFDQJL FXOWXUH EORRG FXOWXUH XULQH DQWLJHQ IRU OHJLRQHOC
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 SDOV\ /XQJ DEVFHVV
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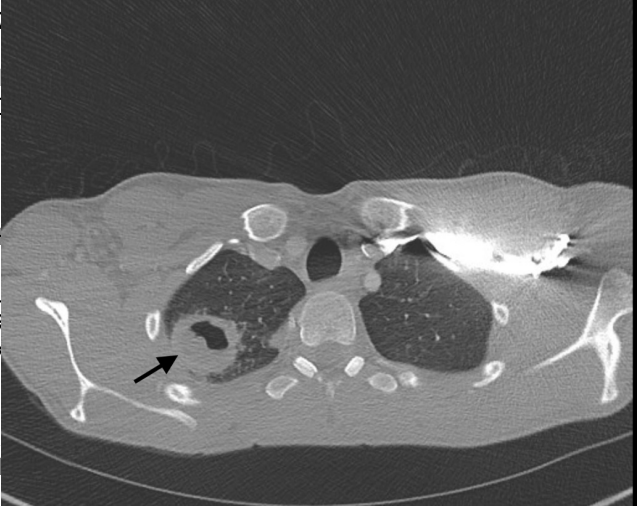
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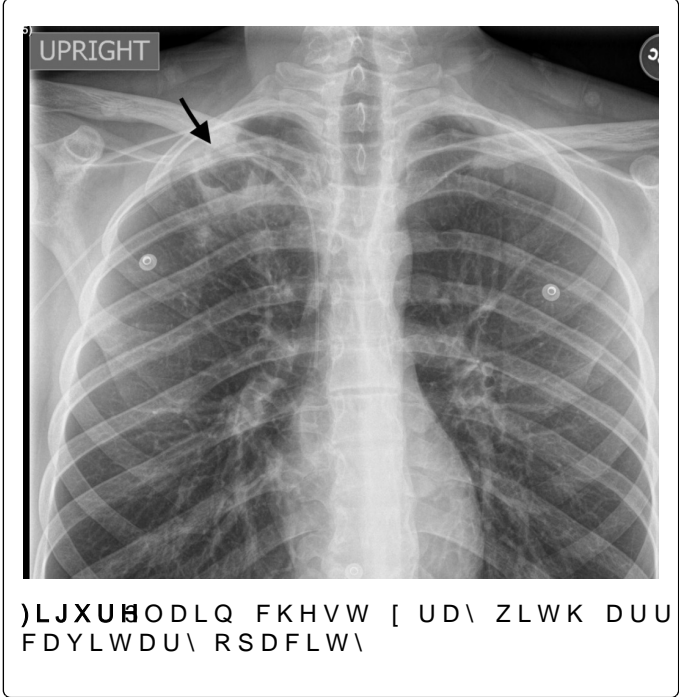
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ZLWKV%SHOON ZKLFK KH GHYHORSHG DER
OHW\ULQJFVHVPVWRLGHFWRP\ DQG IDFLD
WZR ZHNV SULRU

2Q LQLWLD HYDOXDWLRQ WKH SDWL
) DQG WDFK\FDUGLF ZLWK D KHDU
GRUPDO EORRG SUHVXUH RI PP+
EUHDWKV PLQ DQG R\JHQ VDWXUDWLR
OHXNRF\WRVLV ZKWH FHOOV QFXWURSK
PLOGO\ HOHYDWHG SUR FHOEQKQHG R
FXOWXUH FDPH EDNF QHJDWLYH IRU
\$FKURPRSDIOM WWH\ FDQJL FXOWXUH EOR
DQWLJHQ IRU OHJLRQHOOD DQG 4XDQW
2WKHU ODE YDOXHV LQFOXGLQJ UHQDO
QRUPDO HSLWLVHQW KDG D FKHVW [UD\
OREH FDYLWDU\ RSDFLW\ RQ 3\$ YLHZ
LQYHVWLJDWHG ZLWK D FKHVW &7 LJXUH
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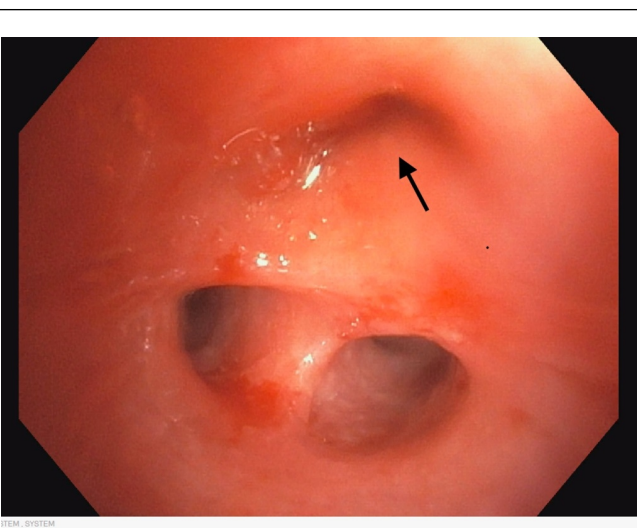
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WYKOHPLVJZOV\FRCHSLDUWPHQW
FRXJK RI WHQ GDV DQG DVVRFLDWHG
+H UHSRUWV QLJKW VZHDWV DQG ZHLJK



WLDW YKRZHG D ULJKW XSSHU
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VROLDWU\ WKLFK ZDOOHG FDYLWDU\ QHY
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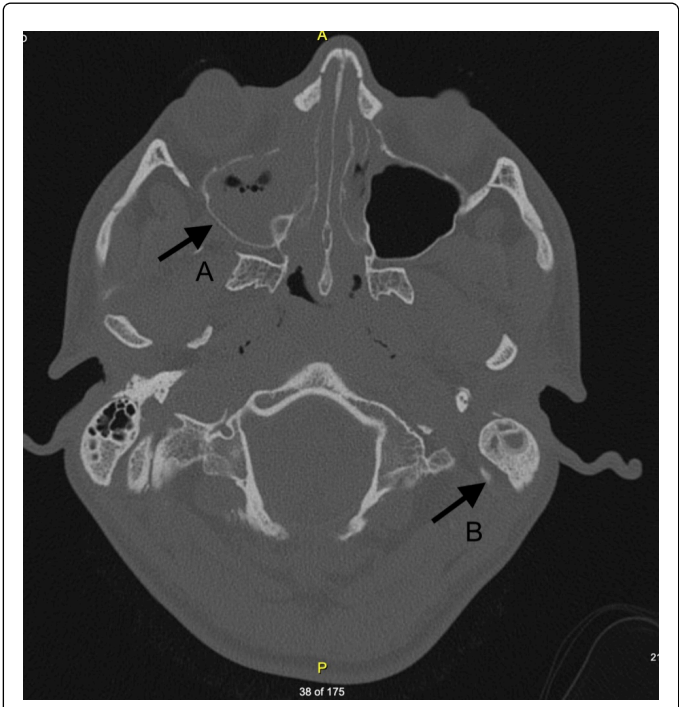
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ZHHN RI UHFHLYLQJ PHURSHQHP KH G
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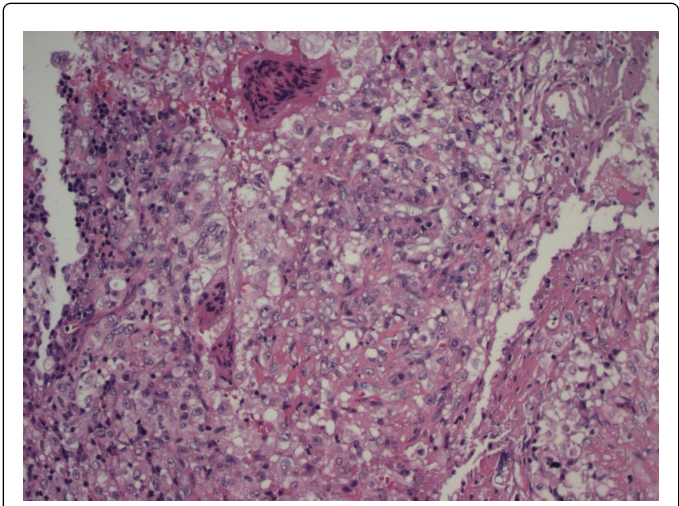
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WR KLV PDVWRLGHFWRP RSDI\ FROVVRGE
QDQJ ODU\ YLQ XVRSDGLDPRVVRV
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LQYHVWLJDWVRKRNHGDOVGFVWVWKLQY
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LQYHVWLJDWVRKRNHGDOVGFVWVWKLQY

:H WKHUHIRUH RUGHUHG F\WRSODVPLF DQXVQRQWVURSKLQJFSWR SOTXVPLF FQWHLIE RQ
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RI *3\$)LJXUH



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'LVFXVVLQRQ

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ERWK .XEDLVL HW DO \$RVRXOB\$HSDWLKH
GHHORS OXQJ GLVHVDH HYHQWXDOO\ > @

HUKDYH EHHQ UHSRUWHG FDVHV RI *3\$
LQIHFWLRQV RU HYHQ DV WXPRUV DQG L
SXOPRQDU\ PDQLIHVWQWLRQV GLDJQRVLY
ZLWK OXQJ DEVFHVV LQ RXU SDWLHQW ZD
DQG VXUURXQGLQJ FRQVROLGDWLRQ LQ W
LQIHFWLRQ \$ GLDJQRVLY RI *3\$ ZRXOG K
SDWLHQW LI & \$1&\$ DQG \$QWL 35 WMMWV
UHYLHZ RI KLV FKHVW LPDJHVIDFRV UHXDHW
SHWURXV &7 VFDQ ZLWKRXW FRQWUDVW GI
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FRLWRQVURZ % VKRZV

:LWK \$1&\$ EHLQJ SRVLWLYH LQ DERXW
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&RQFOXVLRQ

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3DJH RI

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.XEDLV\$EX 6.)RVWHU &6 *UDQXORPDWRVLV FZLVWV SWHUP LQWLV WKH &OLQLFDQ
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