



X0125926

United Nations International Criminal Tribunal for
the former Yugoslavia

AUTOPSY REPORT

RAVNICE GRAVE SITE

Case No: RV02 / 372B

Autopsy Date: 13-Aug-01

Mortuary: Visoko

Summary:

Fully skeletonized human remains with some clothing and bullets and fragments of bullet. Almost the entire skeleton is present except few small bones of the limbs. There were some commingled bones, which were separated from the main skeleton.

Anthropologically sex is determined as male, aged 30-50 years and the stature of 178.7 +/- 9 cm, no specifically notable features in the odontogram.

Skeletal system was grossly injured due to fractures of many bones. There were altogether fourteen fracture sites noted. Out of them, eleven were probably antemortem fractures and were consistent with penetrating bullet injuries. Fatal injuries were found in the skeletal system of the head, chest, abdomen and limb. They indicate that the deceased had been shot several times on different parts of the body and may have appeared to have been from many directions. Considering the extensive nature of the injuries and their locations the deceased could have succumbed to injuries almost instantaneously.

Cause of Death:

It is my determination that the cause of death in case number **RV02 / 372B** was:

Multiple penetrating bullet injuries to the head, trunk and the limbs.

This formal report is based upon the autopsy report that I prepared at the time of my examination. Both reports truly and accurately reflect my findings.

Signed: 

Dr A. Samarasekera, MD, MBBS, DLM, DMJ, Dip.FM

Date: 15-Aug-01

A. General Description of Remains:

Fully skeletonized human remains with clothing and some bullets/fragments of bullets. All bones are dry. Some roots have grown into the skeletal remains and clothing. Some bones were found inside clothing. There were commingled bones which were identified and separated from the main skeleton. Most of the bones of the main skeleton appear to be present.

B. Clothing and Other Items:

Clothing:

1. Printed, long sleeved torn shirt.
2. Torn pull over (multicolour).
3. Torn trouser blue).
4. Torn socks.
5. Torn elastic band.

Blindfolds: No

Ligatures: No

Other Items: None

C. Identifying Features:**Sex**

From examination of soft tissues: Not possible

From anthropology details: Male

Age Range

From anthropology data: 30 - 50 years

Build Not possible

Height (cm)

From estimation of intact body: Not possible

From anthropology data: 178.7+/-9 cm

Hair

Head hair: Not possible

Beard: Not possible

Moustache: Not possible

Teeth

General description: Some teeth were present in-situ but some had fallen.

Tattoos: Not possible

Scars: Not possible

Other Features: Nil

D. Body Parts Missing: See Anthropology Report **Anthropologist** A. Medina

E. Injuries:**Findings on fluoroscopy**

Radiographer E. Canniff

- Opacity of metallic object, fragmented bullet
- Opacity of metallic object, fragments of bullet
- Opacity of metallic object, fragments of bullet
- ? Opacity of metallic object, fragments of bullet
- Opacity of metallic object, fragments of bullet
- Opacity of metallic object, fragments of bullet
- Opacity of metallic object, fragments of bullet

Main injuries described**Head & Neck**

- | | | Probably
ante-mortem | Probably
post-mortem | Cannot
tell |
|---|---|-------------------------------------|--------------------------|--------------------------|
| 1 | Burst-out type fracture of the skull with pieces of various sizes, the vault of the skull is more or less intact. The mandible is fractured into 3 pieces due to two fractures lines in either sides of the body. Upon reconstruction, a large area of bone loss noted in the lower part of the facial skull which is consistent with penetrating bullet injury of the skull. There were no definitive bullet holes noted found in the remaining skull bones. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Trunk

- | | | Probably
ante-mortem | Probably
post-mortem | Cannot
tell |
|---|--|-------------------------------------|--------------------------|-------------------------------------|
| 2 | A fracture with deficiency of bone fragments in the blade and the spine of the left scapula. The area of bone deficit is above T1 6 x 4 cm in the centre part of the blade. Correspondingly all the ribs in left side of the rib cage are fractured into pieces. The fracture pattern is consistent with penetrating bullet injury. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3 | Burst-out type fracture of the 12th thoracic vertebra. The body is almost completely shattered. Almost complete shattering of 1st lumbar vertebra also found. The fracture pattern is consistent with penetrating bullet injury of the vertebral column. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4 | Burst-out type fracture of 4th-5th lumbar vertebral with complete shattering of 4th lumbar and partial fracture 5th lumbar vertebral. The fracture pattern is consistent with bullet injury to the spine. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5 | Fracture of 1st to 5th ribs in their lateral and anterior parts. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6 | Fracture with deficiencies of the fractured bone in the right iliac bone. There is a triangular area of 2 x 1 cm bone deficiency with bevelling of inner surface of the iliac bone close to the iliac crest. The fracture pattern is consistent with entry of a bullet in its long axis. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7 | Fracture of the posterior margin of the iliac bone at its articular surface with 1 x 2/3 cm in area of loss of bone tissue. There is bevelling of bone at the margin of the fracture in the inner surface. Correspondingly there is a fractured area of 8 x 3 cm with loss of bone in the articulating area of the sacral bone in its right side involving its upper three segments. Bevelling is present in the inner surface. Fracture pattern is consistent with entry wound of a bullet from the back of the right pelvic bones. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8 | Burst-out type fracture of the left pelvic bone involving its acetabulum, ischeal and pubic bones. There is a linear fracture extending from ischial part of the acetabulum, manner to the iliac crest. This has caused separation of the iliac bone into two parts. There is an area of loss of bone, 4 x 3 cm, involving acetabulum. (upon reconstruction). The fracture pattern is consistent with entry of a bullet from the back in the pelvis. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Arms

- | | | Probably
ante-mortem | Probably
post-mortem | Cannot
tell |
|----|--|-------------------------------------|-------------------------------------|--------------------------|
| 9 | A fracture with loss of bone tissues in left humerus in its shaft at the upper two thirds. Fractured portion of the shaft and the head of the humerus and not present. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10 | Fracture of the shaft of left ulnar and radius bones. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Legs

Probably ante-mortem	Probably post-mortem	Cannot tell
-------------------------	-------------------------	----------------

- | | | | | |
|----|--|-------------------------------------|--------------------------|--------------------------|
| 11 | Fracture of the shaft of left femur in its lower two thirds with loss of bone tissue from the fractured area of the shaft and fracture of lateral epicondyle.
Correspondingly upper third of the tibia with its both condyle are fractured and fracture fragmentats are not present. The fracture pattern is consistent with penetrating injury of the knee joint region. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 12 | Fracture of the lower third of left tibia with fracture of the corresponding area of the fibula. Fractured fragment are not present. The fracture pattern is consistent with penetrating bullet injury of left ankle regions. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 13 | Burst-out fracture of the right femur in its lower third with loss of fractured bone. The fracture pattern is consistent with penetrating bullet injury of lower part of right thigh. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 14 | Fracture of lower parts of the right tibia and fibula in their shaft with chipping of bone from the remaining shaft adjacent to the fractured margin in the upper part. Most of the fractured fragments are not present. The fracture pattern is consistent with penetrating bullet injury of the lower part of the right shin. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

F. Internal Tissues:

None

G. Samples and Other Items Recovered:

Soco R.Govender

Bullets / Shrapnel

- Fragment of bullet/jacket found in bag
- Fragment of bullet/jacket found in bag
- Intact bullet adherent to the shirt
- Fragment of bullet/jacket found in bag

Anthropology

None

DNA

- right femur
- tooth (no. 43)

Other

None



United Nations
International Criminal Tribunal
for former Yugoslavia

CASE NO:

RV 02
372 B

GRAVE SITE: RV 02

MORTUARY: VRSKO

DATE: 13/8/2001

PATHOLOGIST: Sam

ANTHROPOLOGIST: AM

AUTOPSY REPORT

A. GENERAL DESCRIPTION OF REMAINS (to include state of preservation)

Fully skeletonized human remains with clothing and some bullets/fragments of bullets. All bones are dry. Some roots have grown in the skeletal remains and clothing. Some bones were found inside clothing. There were commingled bones which were identified and separated from the main skeleton. Most of the bones of the main skeleton appears to be present.

Summary comment on preservation

- largely or totally skeletonized ☒
- well preserved, perhaps with skin still present ☐
- degree of preservation somewhere between these two ☐

B. CLOTHING AND OTHER ITEMS**Clothing** (general description after washing)

Printed, long sleeve t-shirt

T-shirt pull over (Multi colour)

T-shirt trousers (blue)

T-shirt socks

T-shirt elastic band

Blindfoldyes ☐no ☒Exhibit no.

Description and where placed

Ligatureyes ☐no ☒Exhibit no.

Description and where placed

Other items and personal possessions

- *all*
-
-
-
-
-
-

C. IDENTIFYING FEATURES

Sex (from external examination) M ☐ F ☐ not possible ☒

Height (only with intact body) cms *not possible*

Build heavy ☐ average ☐ thin ☐ not possible ☒

Head hair dark ☐ light ☐ grey ☐ balding ☐ not possible ☒

comments

Beard yes ☐ no ☐ not possible ☒ comments

Moustache (alone) yes ☐ no ☐ not possible ☒

Teeth (general comment only- charting done elsewhere)

*Some teeth were present in-site but
some have fallen*

Tattoos yes ☐ no ☐ not possible ☒

if yes, site and general description

Scars yes ☐ no ☐ not possible ☒

if yes, site and nature

Any other features to assist identification (for example, old injuries)

Nil

D. ANTHROPOLOGY DETAILS and BODY PARTS PRESENT/ MISSING
(for completion by anthropologists on forms at end of report)

E. INJURIES**(i) Fluoroscopy findings**Radiographer (initials) **R. A. V.**

Print taken

Yes Number

opacity of a metallic object, fragmented bullet	✓	1/7
opacity of a metallic object, fragments of bullet	✓	2/7
opacity of metallic metallic object, fragments of bullet	✓	3/7
? opacity of metallic object, fragments of bullet	✓	4/7
opacity of metallic object, fragments of bullet	✓	5/7
opacity of metallic object, fragments of bullet	✓	6/7
opacity of metallic object, fragments of bullet	✓	7/7

(ii) Main injuries described (Please number and use diagrams)**Head and neck**Probably
ante mortemProbably
post mortemCan't
tell

Burst-out type fracture of the skull with pieces of various sizes. The vault of the skull is more or less intact. The mandible is fractured into 3 pieces due to two fracture lines in either sides of the body. ~~for~~ Upon reconstruction, a large area of bone loss noted in the lower part of the facial skull and the base. The fracture pattern is consistent with penetrative bullet injury of the skull. There were no definite bullet holes found in the remaining skull bones.

Main injuries (continued)

		Probably ante mortem	Probably post mortem	Can't tell
<u>Trunk</u>				
(2)	A fracture with deficiency of bone fragments in the sc blade and the spine of the left scapula. The area of bone deficit is about 6 x 4 cm in the center part of the blade. Correspondingly all the ribs of its left side of the rib cage is fractured in to pieces. The fracture pattern is consistent with penetrating bullet injury.			
(3)	Burst-out type fracture of the 12 th thoracic vertebrae. Its body is almost completely shattered. Almost complete shattering of 1 st Lumbar vertebra also found. The fracture pattern is consistent with penetrating bullet injury of the spine vertebral column.			
(4)	Burst-out type fracture of 4 th & 5 th Lumbar vertebrae with complete shattering of 4 th lumbar and and partial fracture of 5 th Lumbar vertebrae. The fracture pattern is consistent with bullet injury to the spine.			
(5)	Fracture of 1 st to 5 th ribs in their lateral and anterior parts.			X
(6)	Fracture with deficiency of fractured bone in the right iliac bone. There is a triangular area of 2 x 1 cm bone deficiency with beveling of inner surface of the iliac bone close to the iliac crest. The fracture pattern is consistent with entry of a shell in its long axis.			

7



8

Injuries (continued)

Arms

Probably ante mortem	Probably post mortem	Can't tell
-------------------------	-------------------------	---------------

- (9) A fracture with loss of bone tissue in left humerus in its shaft at the upper two thirds. Fractured portion of the shaft and the head of the humerus is not present.
- (10) Fracture of the shaft of left ulna and radius bones.

Legs

- (11) Fracture of the shaft of left femur in its lower two thirds with loss of bone tissue from the fractured area of the shaft and fracture of lateral epicondyl. Correspondingly upper third of the tibia with its both condyles are fractured and fractured fragments are not present. The fracture pattern is consistent with penetrating bullet injury of the knee joint region.

F. INTERNAL TISSUES (ie natural disease etc.)

- (12) Fracture of the lower third of left tibia with fracture of the corresponding area of the fibula. Fractured fragments are not present. The fracture pattern is consistent with penetrating bullet injury of left ankle region.

- (13) Burst-out fracture of the right femur in its lower third with loss of fractured bone. The fracture pattern is consistent with penetrating bullet injury of lower part of right thigh.

(14)

X0125937

104

104

Fracture of lower ~~an~~ parts of the right tibia and fibula in their shaft with chipping of bone from the remaining shaft adjacent to the fractured margin in the upper part. Most of the fractured fragments are not present. The fracture pattern is consistent with penetrating injury of the lower part of the right leg.

G. SAMPLES AND OTHER ITEMS RETAINED

(other than clothing, ligatures and possessions)

SOCO (initials) ..RG...

(1) Bullets / Shrapnel (description and from where recovered)

Refers fluoroscopy

print number

Fragment of bullet/jacket found in the bag

1/7

Fragment of bullet/jacket found in the bag

2/7

Fragment of intact bullet adherent to the shirt

3/7

Fragment of a bullet/jacket found in the bag

5/7

(2) Anthropology

(3) DNA

R / femur

tooth

(4) Other

25/

H. SUMMARY AND CONCLUSIONS

fully skeletonized human remains with some clothing and bullets and fragments of bullet. Almost ~~no~~ the entire skeleton is present except for small bones of the limbs. There were some commingled bones which were separated from the main skeleton.

Anthropologically, sex ~~was~~ is determined as male, aged between 30-50 yrs and the stature of 178.7 ± 9 cm. No specifically notable features in the Odontogram.

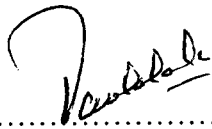
3. Skeletal system was grossly injured due to fractures of many bones. There were altogether fourteen fracture sites were noted. Out of them eleven were probably ~~ante mortem~~ ~~fractures~~ fractures and all of them were consistent with penetrating bullet injuries. Most fatal injuries were found in the skeletal system of the head, chest, abdomen and limbs. This indicates that the deceased had been shot several times on different parts of the body and may appear to have been from many direction. Considering the extensive nature of the injuries and their location the deceased ~~could~~ ^{could} have succumbed to injuries almost instantaneously.

(continue on back of page as required)

CAUSE OF DEATH

It is my determination that the cause of death in case no. RV 02 372B was:

Multiple Penetrating bullet injuries to the head, trunk and the limbs.

Signed: 

Name: Dr. Anand Samiravastava

Qualifications (or title): M.D., M.B.B.S., D.M., D.S., D.P.F.A.

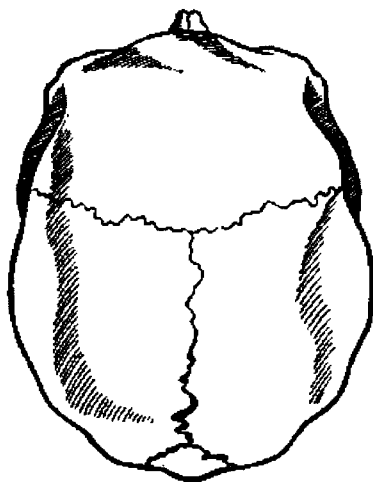
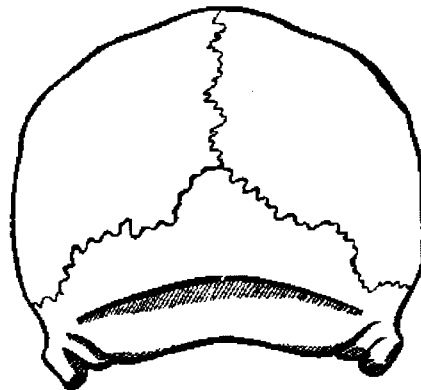
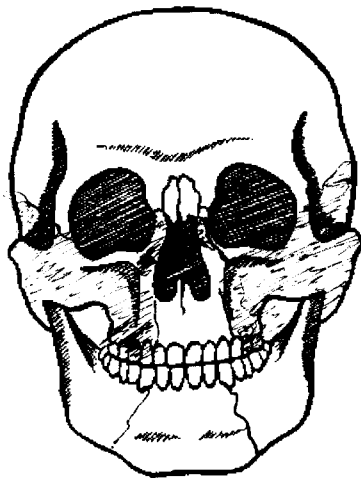
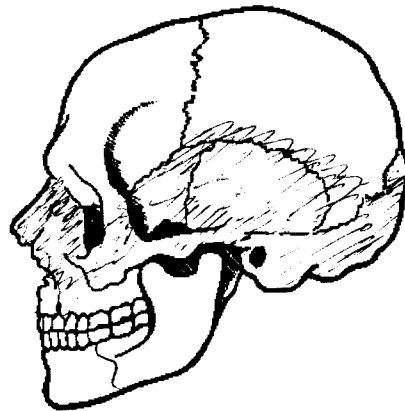
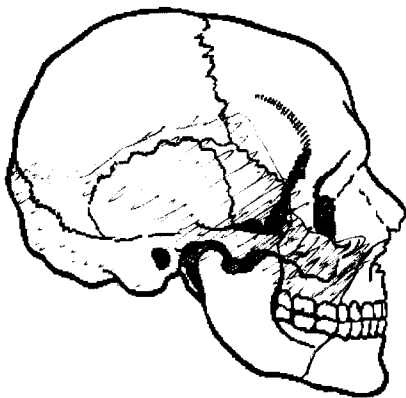
Date: 13/8/2001

X0125940

CASE NO:

RV02

372B

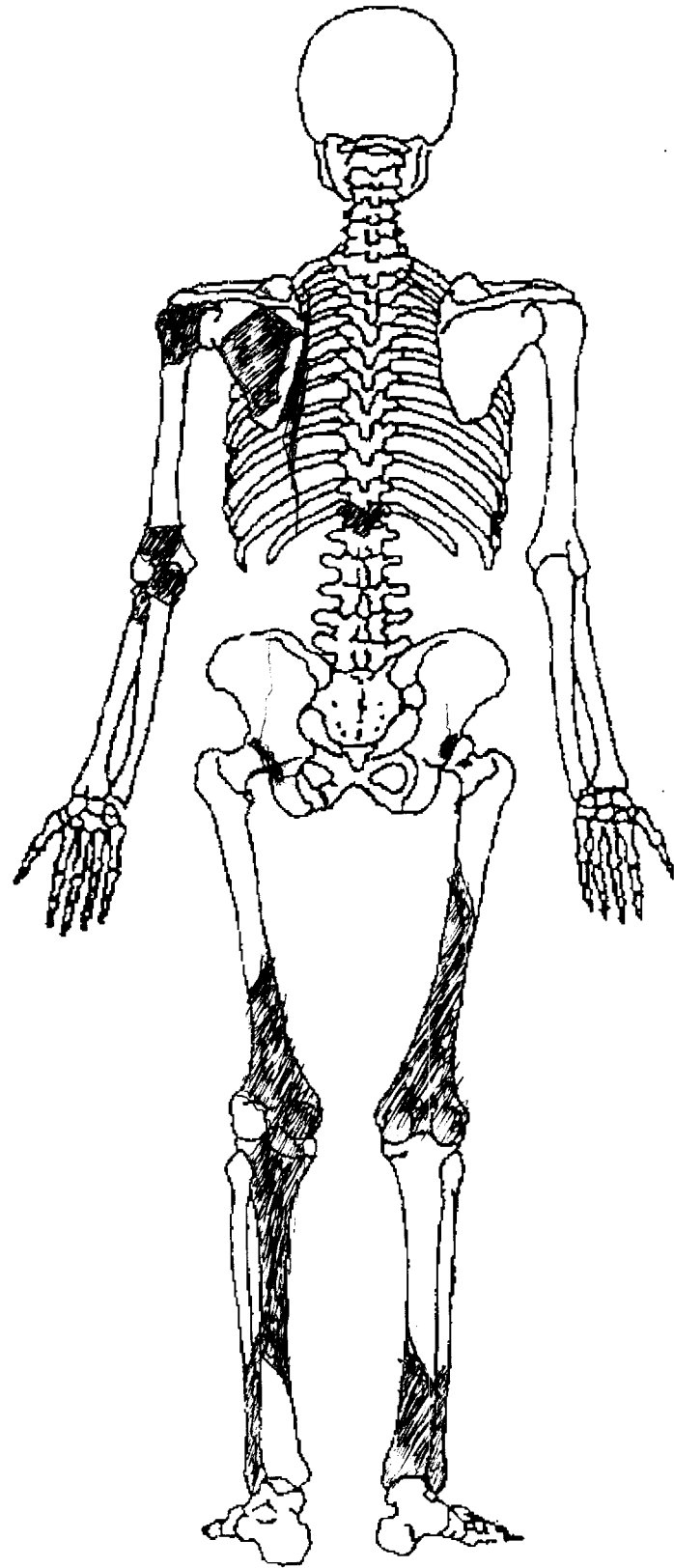
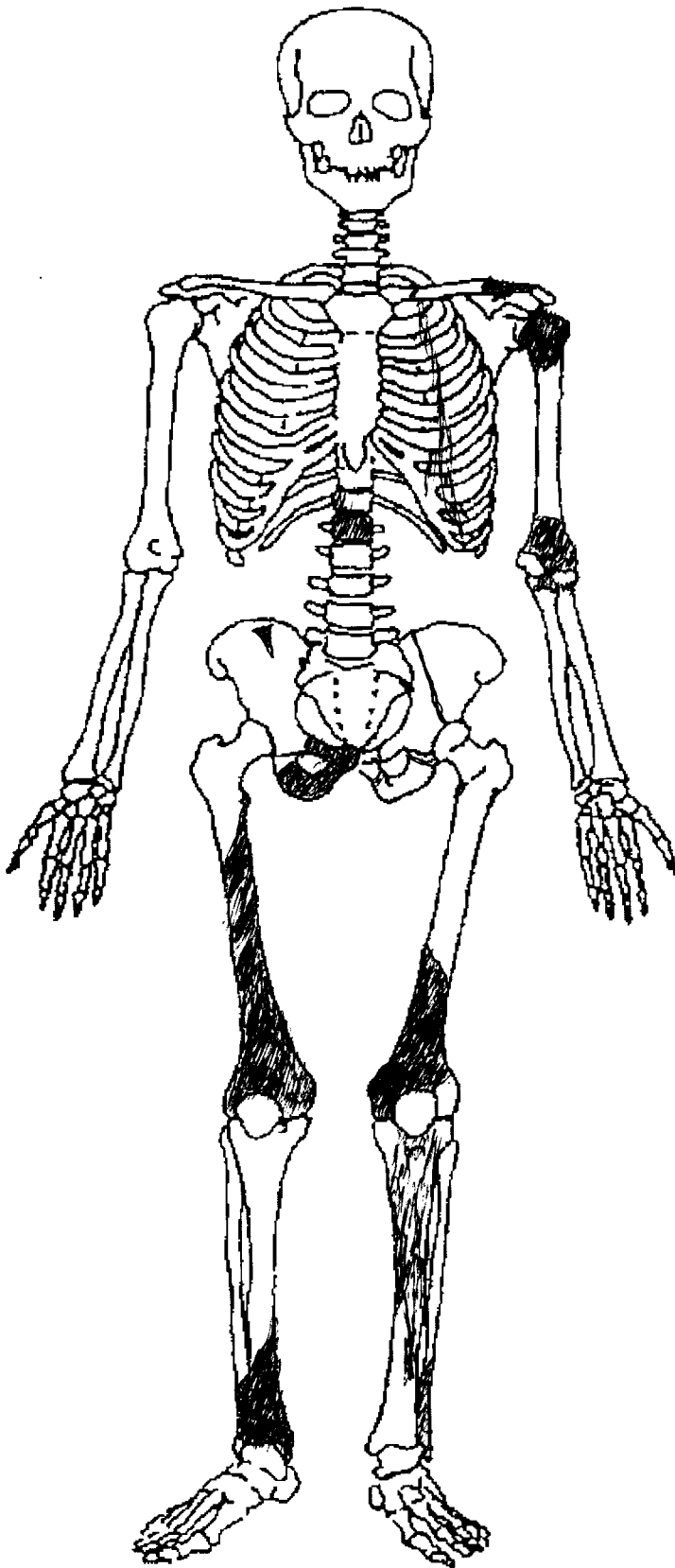


X0125943

CASE NO:

RV02

3+2B



ANTHROPOLOGY DETAILS (to be completed by anthropologist)

(i) SEX: MALE/FEMALE/INDETERMINATE (circle one)

Os coxae:

Subpubic concavity (1/0/NO)
Ischiopubic ramus ridge (0/NO)
Greater Sciatic notch (1/2/3/4/5/NO)
Ventral arc (1/0/NO)
Preauricular sulcus (1/2/3/4/NO)

Cranium:

Nuchal crest (1/2/3/4/5/NO)
Mastoid process (1/2/3/4/5/NO)
Supraorbital margin (1/2/3/4/5/NO)
Prominence of Glabella (1/2/3/4/5/NO)
Mental eminence (1/2/3/4/5/NO)

(ii) AGE RANGE 30-50

	Side/Element	Phase	Range	Mean
Suchey-Brooks	R, L Pubic S	IV	15-71	43.7
Iskan-Loth	Not possible	—	—	—
Lamendin	33 Tooth	—	43.3 ± 9.9	—

Dental Calcification

Tooth	Phase	Mean
.....
.....
.....
.....
.....

Union of Epiphyses

Epiphyses	Fusion	Age
L. Clavicle	C	> 2
S1-S2	C	> 17
Vertebrae	C	> 24
.....
.....

(iii) STATURE (cm) 178.7 +/- 9

Max Length Femur (R/L) —

Other long bone (R/L) Humerus = 348

(iv) ODONTOGRAM Yes No.....

CASE NO:

RV 2
372-B**(v) SKELETAL INVENTORY** (to be completed by anthropologist)Please tick **ALL BOXES** (present or absent) and indicate (in #) the number of bones **PRESENT**.

Element	Present	Absent	#
CRANIUM	✓		
Frontal	✓		
R Parietal	✓		
L Parietal	✓		
Occipital	✓		
R Temporal	✓		
L Temporal	✓		
R Maxilla	✓		
L Maxilla	✓		
MANDIBLE	✓		

Element	Present	Absent	#
R Clavicle	✓		
L Clavicle	✓		
R Scapula	✓		
L Scapula	✓		
Manubrium	✓		
Sternal body	✓		
R Rib 1	✓		
L Rib 1	✓		
R Ribs	9		
L Ribs	8		

Element	Present	Absent	#
Atlas (C1)	✓		
Axis (C2)	✓		
C3-7	5		
T1-T12	12		
L1-L5	4		
R Os Coxa	✓		
L Os Coxa	✓		
Sacrum	✓		
Coccyx	✓		

RIGHT ARM			
Humerus	✓		
Radius	✓		
Ulna	✓		

LEFT ARM			
Humerus	✓		
Radius	✓		
Ulna	✓		

RIGHT HAND			
Carpals	1		
Metacarpals	1		
Phalanges		✓	

LEFT HAND			
Carpals		✓	
Metacarpals	2		
Phalanges	5		

RIGHT LEG			
Femur	✓		
Patella	✓		
Tibia	✓		
Fibula	✓		

LEFT LEG			
Femur	✓		
Patella	✓		
Tibia	✓		
Fibula	✓		

RIGHT FOOT			
Calcaneus	✓		
Talus	✓		
Other tarsals	5		
Metatarsals	5		
Phalanges	14		

LEFT FOOT			
Calcaneus		✓	
Talus	✓		
Other tarsals		✓	
Metatarsals	2		
Phalanges		✓	

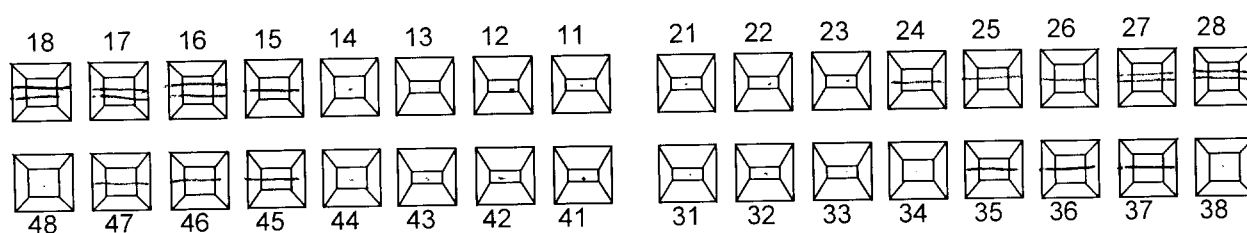
COMMENTS:

Case No

RJ02/372B

Odontogram

Dental Findings in permanent teeth (notify temporary teeth specifically)			
11	lpam	sound	21
12	sound	sound	22
13	sound	sound	23
14	sound	lam	24
15	lam	lam	25
16	not recovered	lam	26
17	not recovered	not recovered	27
18	not recovered	not recovered	28



48	sound	sound	38
47	lam	lam	37
46	lam	lam	36
45	lam	lam	35
44	sound	sound	34
43	sound	sound	33
42	sound	sound	32
41	sound	sound	31

Specific Description Of Crowns, Bridges and Dentures		
Further Findings Occlusion, attrition, Anomalies, smoker, Periodontal status etc.		
X-rays taken of		
Supplementary Examination		
Estimated age		Method

Surrogate Sheet

PHOTOGRAPHS

Black & White

ERN: X012-5945 - X012-5951

SYNOPSIS / DESCRIPTION OF EVIDENCE

FLUROSCOPY IMAGES ATTACHED TO THE AUTOPSY REPORT OF THE
BODY RV02/372B

Cross Reference ?

If Yes ERN

X0125952

BODY RECOVERY REPORT

Site: (code) RANNICE Body/(Body Part) No. RV02-372B
 (Complete in ink. Do not write on reverse. Initial errors)

Recorder: (Full Name) Pick Snow Time/Date 27/07/01 1552

Body: Skeletonised - Partly Skeletonised - Saponified

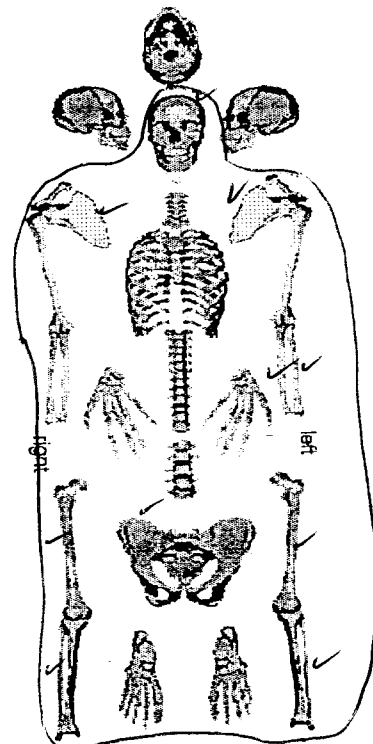
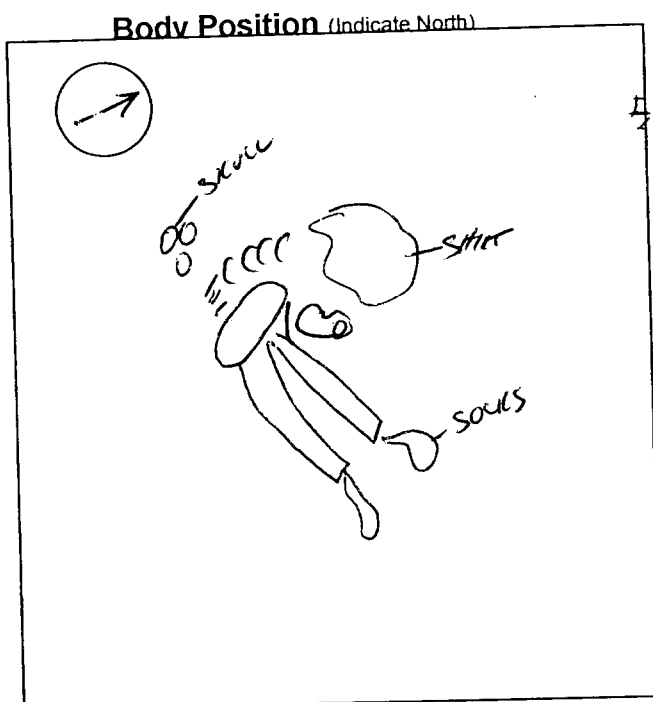
Coordinates Surveyed CP 596978 SECTOR E

Lies on:	Front	<u>Back</u>	Right Side	Left Side
Body:	<u>Extended</u>	<u>Bent at hips</u>	Tightly bent	
Left Arm:	Extended	<u>Bent at elbow</u>	Tightly bent	
Right Arm:	Extended	<u>Bent at elbow</u>	Tightly bent	
Left Leg:	<u>Extended</u>	Bent at knee	Tightly bent	
Right Leg:	<u>Extended</u>	Bent at knee	Tightly bent	

Clothing: (Using standard description list) DARK PANTS, DARK SHIRT, DARK SOCKS, RED & GREEN SWEATER

Artefacts associated to body: (i.e. Documents/Jewellery/Watch) _____ Blindfold: Y / N Ligature: Y / N

Additional Information: (Factual observations and information to assist in determining cause of death or identification of victim)



This statement, consisting of one page, is true to the best of my knowledge and belief and I make it knowing, that if it is tendered in evidence I shall be liable to prosecution if I have wilfully stated in it anything I know to be false or do not believe to be true.

Signed

Pick Snow

Date

27/07/01

MJH 2001

Bilježnik: (puno ime) Rica Snow

Time/Date 25/09/01

Tijelo: (Skeletinizirano) - Djelimicno skeletinizirano - Saponificirano

Koordinate CP 596-978 SE 4702 E X0125953

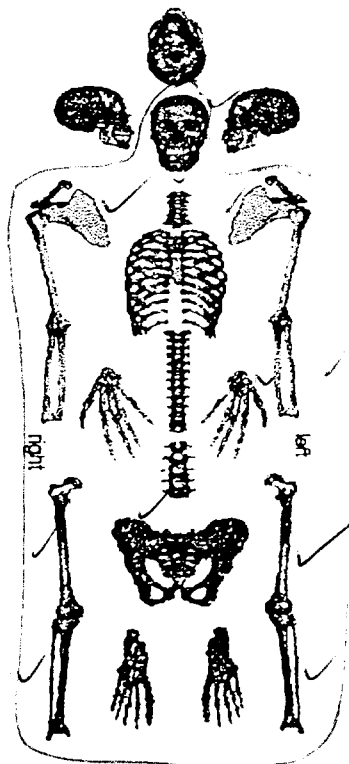
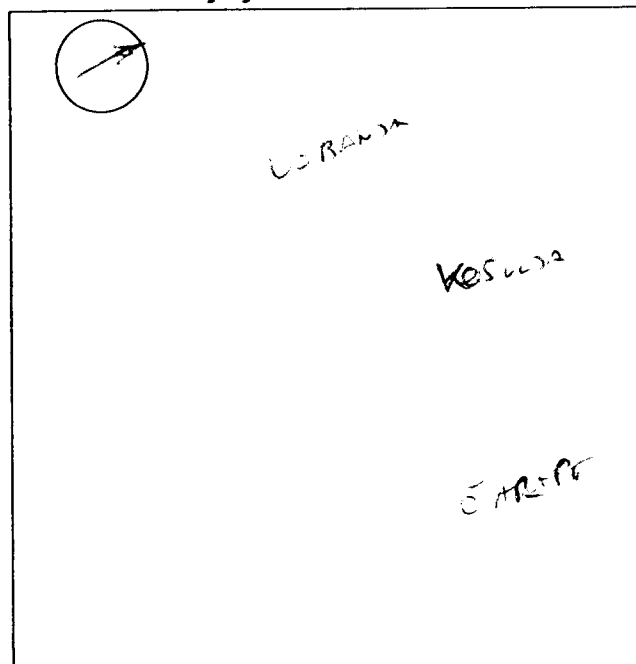
Lezi na:	prednjoj strani	na leđjima	Desna strana	Lijeva strana
Tijelo:	<u>ispruzeno</u>	<u>savijeno u bokovima</u>	jako savijeno	
Desna ruka:	<u>ispruzena</u>	<u>savijena u laktu</u>	jako savijena	
Desna ruka:	<u>ispruzena</u>	<u>savijena u laktu</u>	jako savijena	
Lijeva noga:	<u>ispruzena</u>	<u>savijena u koljenu</u>	jako savijena	
Desna noga:	<u>ispruzena</u>	<u>savijena u koljenu</u>	jako savijena	

Odjeca: (koristiti standardnu listu kod opisa) JAMNE PANTALONE, TAPU+KOLICA, TAPU+KOLICA
CRVENE-ŽUTU, PJEŠURU

Predmeti nadjeni uz tijelo: (npr. Dokumenti/naki/sat) povez za oci: Da / Ne povez za ruke: Da / Ne

Dodatne informacije: (Cinjenicne observacije i informacije od pomoci za odredjivanje uzroka smrti ili identifikacije zrtve)

Položaj tijela (naznaciti pravac sjevera)



Ova izjava koja se sastoji od 1 strane, je istinita, u skladu sa mojim najboljim znanjem i vjerovanjem, i ja znam da cu, ako se ista prilozi kao dokazni materijal, odgovarati za krivico djelo ukoliko svojom voljom izjavim/navodem nesto sto je lazno ili nesto za sta ne vjerujem da je istina.

Potpis

Datum

preveo: Zvezdan Karadin (MJH 2001)