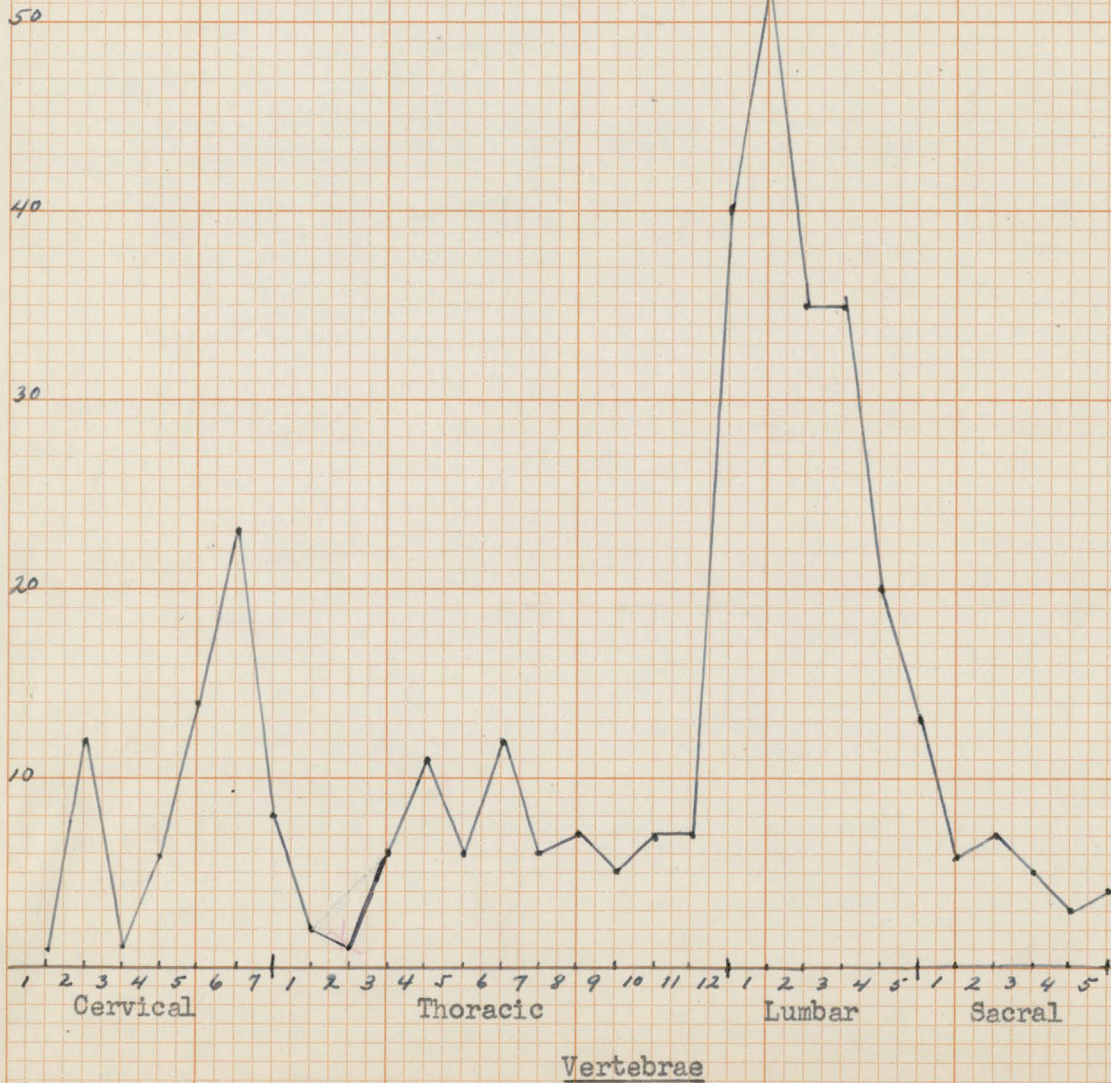


Number of Fractures (1 sq. equals 1 fracture)

Incidence of Fracture
of the Vertebrae



INCIDENCE OF FRACTURE OF THE VERTEBRAE



SPINE

Grand Total

1. Total:	<u>B.C.</u>	<u>A.I.</u>	<u>Dis.</u>	<u>Total</u>
A. On N.S. wards :	46	37	18	101
B. On other wards:	52	108	24	184
Total:	98	145	42	285

2. Spinal Segments Involved: (actual fractures)

a. <u>Cervical</u>	b. <u>Thoracic</u>	c. <u>Lumbar</u>	d. <u>Sacral</u>
1 1	1 2	1 52	1 6
2 12	2 1	2 35	2 7
3 1	3 6	3 35	3 5
4 6	4 11	4 20	4 3
5 14	5 6	5 13	5 4
6 23	6 12	155	25
7 8	7 6		
65	8 7		
	9 5		
	10 7		
	11 7	Total: 355	
	12 40		
	110		

3. Open and Closed Injuries:

	<u>Open</u>	<u>ARCH</u>	<u>Closed.</u>
Cervical	8		18
Thoracic	23		15
Lumbar	16		35
Sacral	7		14
		<u>BODY</u>	
Cervical	1		25
Thoracic	4		52
Lumbar	4		49
Sacral	1		5
		<u>DISLOCATION</u>	
Cervical	0		21
Thoracic	0		7
Lumbar	0		11
Sacral	0		0

4. Totals, Open and Closed Injuries:

Open: arch	: 54	Closed: arch	: 82
body	: 10	body	: 131
dislocation:	0	dislocation:	39
	<u>64</u>		<u>252</u>

Total: 316

5. Concussion: 24

6. Neural Injury without Fracture: 10

7. Neural Injury: Open Complete

a. Cord:

cervical	3		1
thoracic	8		13
lumbar	1		2
sacral	0		0

Closed

cervical	6		10
thoracic	6		4
lumbar	4		3
sacral	0		0

b. Cauda:

Open Complete

thoracic	0		0
lumbar	8		3
sacral	2		0

Closed

thoracic	2		0
lumbar	8		2
sacral	2		0

c. Roots:

Open Complete

cervical	4		0
thoracic	1		0
lumbar	1		1
sacral	1		0

Closed

cervical	5		1
thoracic	2		0
lumbar	7		0
sacral	0		0

8. Operations:

a. Patients operated upon elsewhere only	:		41
b. Patients operated upon 12th G.H. only	:		27
c. Patients operated upon both elsewhere and 12th G.H.:		7(x2)	
Total operations:			<u>82</u>

9. Time in Previous Hospital:

a. Shortest: 1- days	
b. Longest :125 days	
c. Average :16.8 days	

10. Time in 12th G.H. Until Boarded:

a. Shortest: 1 day	
b. Longest :100 days	
c. Average :19.1 days	

11. Vehicular Accidents:

a. Jeep	:		26
b. Motorcycle	:		1
c. Truck and other:			42
Total:			<u>69</u>

12. Associated Injuries:

a. Head	38	e. Abdomen	11
b. Face	16	f. Upper Extr.	35
c. Neck	3	g. Lower Extr.	41
d. Thorax	25		

Total Ass'd. Injuries: 169

13. Operations Ass'd Injuries:

a. Other hospitals only:	30
b. In 12th G.H. only:	6
c. In both 12th G.H. and other hospitals:	6(x2)

Total Operations Ass'd. Injuries: 48

14. Diving Injuries:

<u>Cervical:</u>	<u>Thoracic:</u>
1 0	None.
2 1	
3 1	
4 5	
5 7	
6 4	
7 0	

15. Intervertebral Discs:

a. EPTI	8
b. LOD	31

		<u>Disposition</u>	-	<u>A</u>	<u>B</u>	<u>C</u>
c. Operation:	Elsewhere :			3	1	5
	12th G.H. :			1	1	2
	No. Operation:			0	0	26

16. Disease Other Than Disc: 3

17. Condition on Discharge:

a. Improved	:	202
b. Not improved:		83

<u>Disposition</u>		<u>A</u>	<u>B</u>	<u>C</u>	<u>Death</u>	<u>60 Day Evac.</u>	<u>POW</u>
<u>Cervical:</u>	open	0	0	7	0	1	
	closed	0	3	35	3	0	
<u>Thoracic:</u>	open	1	1	23	1	0	
	closed	2	2	51	1*	1	
<u>Lumbar:</u>	open	0	0	18	0	2	
	closed	5	5	68	1*	5	
<u>Sacral:</u>	open	0	1	6	0	0	
	closed	0	2	8	0	0	

*Same Patient.

<u>Disposition</u>	<u>A</u>	<u>B</u>	<u>C</u>	<u>Death</u>
No fracture, concussion:	3	4	7	0
Disease other than Disc:	0	0	3	0

SPINE

Ain el Turck

Grand Total

	<u>B.C.</u>	<u>A.I.</u>	<u>DIS</u>	<u>Total</u>
1. Total:				
a.				
On N.S. wards:	25	23	6	54
On other wards:	37	76	15	128
Total	62	99	21	182

2. Spinal segments involved:

<u>a. Cervical:</u>	<u>b. Thoracic:</u>	<u>C. Lumbar:</u>	<u>d. Sacral:</u>
1	0	36	4
12	1	21	3
1	5	22	4
6	8	12	1
10	4	8	1
15	5		
5	3		
-----	4	99 Total	-----
50 Total	4		13 Total
	4		
	3		
	1		
	26		
	<u>64</u> Total	Grand Total	226

3. Open and closed injuries:

	<u>Open</u>	<u>ARCH</u>	<u>Closed</u>
Cervical	4		15
Thoracic	13		9
Lumbar	5		22
Sacral	2		11
		<u>BODY</u>	
Cervical			19
Thoracic	3		32
Lumbar	2		33
Sacral			5
		<u>DISLOCATION</u>	
Cervical	0		19
Thoracic	0		7
Lumbar	0		10
Sacral	0		0

4. Totals, open and closed injuries:

Open: arch	: 24	Closed: arch	: 57
body	: 5	body	: 89
dislocation	: 0	dislocation	: 36
	29 Total		182 Total
		Grand Total:	211

Ain el Turck (SPINE) Con't

5. Concussion: 19

6. Neural injury without fracture: 9

7. Neural injury:

	Partial	<u>Open</u>	Complete
a. <u>Cord:</u>			
cervical	2		1
thoracic	4		9
lumbar	1		0
Sacral	0		0

Closed

	Partial		Complete
Cervical	6		8
Thoracic	6		4
Lumbar	4		3
Sacral	0		0

b. Cauda:

	Partial	<u>Open</u>	Complete
Thoracic	0		
Lumbar	4		
Sacral	0		

Closed

	Partial		Complete
Thoracic	2		1
Lumbar	7		1
Sacral	2		0

c. Roots:

	Partial	<u>Open</u>	Complete
Cervical	2		0
Thoracic	1		0
Lumbar	0		0
Sacral	0		0

Closed

	Partial		Complete
Cervical	5		1
Thoracic	1		0
Lumbar	6		0
Sacral	0		0

8. Operations:

a. Patients operated upon elsewhere only:	21
b. Patients operated upon 12th GH only:	15
c. Patients operated upon both elsewhere and 12th GH:	2 [(2)]

Total operations 38

9. Time in previous hospital

a. Shortest	1 day
b. Longest	125 days
c. Average	27.7 days

10. Time in 12th GH until boarded:

a. Shortest:	1 day
b. Longest	83 days
c. Average	11 days

11. Vehicular Accidents:

a. Jeep	20
b. Motorcycle	0
c. Truck and other:	31

Total: 51

12. Associated injuries:

a. Head	27	e. Abdomen	5
b. Face	12	f. Upper Extr.	26
c. Neck	2	g. Lower Extr.	32
d. Thorax	12		

Total Ass'd Injuries: 116

13. Operations Ass'd injuries:

a. Other hospitals only:		23
b. In 12th GH only :		3
c. In both 12th GH & other hospitals:		2 (1(A))

Total operations Ass'd injuries: 28

14. Diving Injuries:

<u>Cervical:</u>	<u>Thoracic:</u>
0	0
1	0
1	0
5	0
7	0
4	0
0	0

15. Intervertebral Discs:

a. EPTI	5			
b. LOD	14			
		<u>Disposition</u>		
		A	B	C
c. Operation:		Elsewhere :	0	4
		12th GH :	0	2
		No operation:	0	12

16. Disease Other than Disc: 2

17. Condition on Discharge:

a. Improved	:	130
b. Not Improved	:	52

<u>DISPOSITION</u>		<u>A</u>	<u>B</u>	<u>C</u>	<u>Death</u>
<u>Cervical:</u>	open	0	0	4	0
	closed	0	1	30	2
<u>Thoracic:</u>	open	0	1	13	1
	closed	0	2	34	1*
<u>Lumbar:</u>	open	0	0	6	0
	closed	2	3	51	1*
<u>Sacral:</u>	open	0	0	2	0
	closed	0	2	6	0

<u>Disposition</u>	<u>A</u>	<u>B</u>	<u>C</u>	<u>Death</u>
No fracture, concussion:	3	3	7	0
Disease other than Disc:	0	0	2	0

* *-same patient

SPINE

ROME

GRAND TOTAL

1. Total:	<u>B.C.</u>	<u>A.I.</u>	<u>DIS</u>	<u>Total</u>
a.				
On N.S. wards:	13	6	1	20
On other wards:	6	18	6	30
Total	19	24	7	50

2. Spinal segments involved:

a. <u>Cervical:</u>	b. <u>Thoracic:</u>	c. <u>Lumbar:</u>	d. <u>Sacral:</u>
0	2	10	1
0	0	8	2
0	0	8	1
0	2	6	1
3	1	2	2
5	3	34 Total	7 Total
2	0		
10 Total	1		
	0		
	1		
	3		
	9		
	22 Total		

Grand Total: 73

3. Open and Closed injuries:

	<u>Open</u>	<u>ARCH</u>	<u>Closed</u>
Cervical	3		0
Thoracic	5		5
Lumbar	4		11
Sacral	2		2
		<u>BODY</u>	
Cervical	0		5
Thoracic	0		11
Lumbar	1		7
Sacral	0		0
		<u>DISLOCATION</u>	
Cervical	0		1
Thoracic	0		0
Lumbar	0		1
Sacral	0		0

4. Totals, open and closed injuries:

Open: arch	: 14	Closed: arch	: 18
body	: 1	body	: 23
dislocation:	0	dislocation:	2
	15		43
		Total:	58

Rome (Spine) Con't

5. Concussion: 3

6. Neural injury without fracture: 1

7. Neural injury:		<u>Open</u>	
	Partial		Complete
a. <u>Cord:</u>			
cervical	1		0
thoracic	2		3
Lumbar	0		2
Sacral	0		0
		<u>Closed</u>	
	Partial		Complete
Cervical	0		1
Thoracic	0		0
Lumbar	0		0
Sacral	0		0
b. <u>Cauda:</u>		<u>Open</u>	
	Partial		Complete
Thoracic	0		0
Lumbar	2		2
Sacral	1		0
		<u>Closed</u>	
	Partial		Complete
Thoracic	0		0
Lumbar	0		1
Sacral	0		0
c. <u>Roots:</u>		<u>Open</u>	
	Partial		Complete
Cervical	2		0
Thoracic	0		0
Lumbar	0		1
Sacral	0		0
		<u>Closed</u>	
	Partial		Complete
Cervical	0		0
Thoracic	0		0
Lumbar	1		0
Sacral	0		0

8. Operations:

a. Patients operated upon elsewhere only:	10
b. Patients operated upon 12th GH only :	7
c. Patients operated upon both elsewhere and 12th GH:	3 (x2)

Total operations 23

9. Time in previous hospital

a. Shortest	1 day
b. Longest	95 days
c. Average	15 days

10. Time in 12th GH until boarded:

a. Shortest	3 days
b. Longest	100 days
c. Average	30.4days

11. Vehicular Accidents

a. Jeep	4
b. Motorcycle	1
c. Truck and other	7

Total: 12

Spine (Rome) Con't

12. Associated injuries:

a. Head	5	e. Abdomen	3
b. Face	2	f. Upper Extr.	5
c. Neck	1	g. Lower Extr.	5
d. Thorax	7		
Total Ass'd. injuries:			28

13. Operations Ass'd injuries:

a. Other hospitals only:	3
b. In 12th GH only :	2
c. In both 12th GH and other hospitals:	0

Total operations Ass'd injuries: 5

14. Diving injuries: 0

<u>Cervical:</u>	<u>Thoracic:</u>
1	1
2	2
3	3
4	4
5	5
6	6
7	7

15. Intervertebral Discs:

a. EPTI	1			
b. LOD	6			
		<u>Disposition</u>		
		A	B	C
c. Operation:	Elsewhere :	3	1	1
	12th GH :	0	0	0
	No operation:	0	0	2

16. Disease other than Disc: 0

17. Condition on discharge

a. Improved	:	36
b. Not Improved	:	14

<u>Disposition</u>		<u>A</u>	<u>B</u>	<u>C</u>	<u>Death</u>
<u>Cervical:</u>	open	0	0	2	0
	closed	0	1	3	1
<u>Thoracic:</u>	open	0	0	5	0
	closed	1	0	10	0
<u>Lumbar:</u>	open	0	0	6	0
	closed	3	1	11	0
<u>Sacral:</u>	open	0	1	1	0
	closed	0	0	1	0

<u>Disopsition</u>		<u>A</u>	<u>B</u>	<u>C</u>	<u>Death</u>
No fracture, concussion:		0	1	0	0
Disease other than Disc:		0	0	0	0

12 5/16

Chart ~~30~~ ³¹. Injuries of Spine Leghorn Dec 44 Jan 45

SPINE

Leghorn

Grand Total

	<u>B.C.</u>	<u>A.I.</u>	<u>Dis.</u>	<u>Total</u>
1. Total:				
a.				
On N.S. wards:	8	8	11	26
On other wards:	9	14	3	27
Total	17	22	14	53

2. Spinal segments involved:

a. Cervical:

I - 0
II - 0
III - 0
IV - 0
V - 1
VI - 3
VII - 1
5 Total

b. Thoracic:

I - 0
II - 0
III - 1
IV - 1
V - 1
VI - 4
VII - 3
VIII - 2
IX - 1
X - 3
XI - 3
XII - 5
24 Total

c. Lumbar:

I - 6
II - 6
III - 5
IV - 2
V - 3
22 Total

d. Sacral:

I - 1
II - 2
III - 0
IV - 1
V - 1
5 Total

Grand Total 56

3. Open and closed injuries:

	<u>Open</u>	<u>ARCH</u>	<u>Closed</u>
Cervical	1		3
Thoracic	5		1
Lumbar	7		2
Sacral	3		1
		<u>BODY</u>	
Cervical	1		1
Thoracic	1		9
Lumbar	1		9
Sacral	1		0
		<u>DISLOCATION</u>	
Cervical	0		1
Thoracic	0		0
Lumbar	0		0
Sacral	0		0

4. Totals, open and closed injuries:

Open: arch	:	16	Closed: arch	:	7
body	:	4	body	:	19
dislocation:	:	0	dislocation:	:	1
		20 Total			27 Total
			Grand Total:		47

SPINE (Leghorn) Con't

5. Concussion:	2		
6. Neural injury without fracture:	0		
7. Neural injury:		<u>Open</u>	
	Partial		Complete
a. <u>Cord:</u>			
Cervical	0		0
Thoracic	2		1
Lumbar	1		0
Sacral	0		0
		<u>Closed</u>	
	Partial		Complete
Cervical	0		1
Thoracic	0		0
Lumbar	0		0
Sacral	0		0
b. <u>Cauda:</u>		<u>Open</u>	
	Partial		Complete
Thoracic	0		0
Lumbar	2		1
Sacral	1		0
		<u>Closed</u>	
	Partial		Complete
Thoracic	0		0
Lumbar	1		0
Sacral	0		0
c. <u>Roots:</u>		<u>Open</u>	
	Partial		Complete
Cervical	0		0
Thoracic	0		0
Lumbar	1		0
Sacral	1		0
	Partial	<u>Closed</u>	Complete
Cervical	0		0
Thoracic	1		0
Lumbar	0		0
Sacral	0		0
8. Operations:			
a. Patients operated upon elsewhere only:			10
b. Patients operated upon 12th GH only:			5
c. Patients operated upon both elsewhere and 12th GH:			3 (x 2)
		Total operations:	21
9. Time in previous hospital			
a. Shortest	1 day		
b. Longest	22 days		
c. Average	7.6 days		
10. Time in 12th GH until boarded:			
a. Shortest	2 days		
b. Longest	53 days		
c. Average	16 days		
11. Vehicular accidents:			
a. Jeep	2		
b. Motorcycle	0		
c. Truck and other:	4		
	Total:		6

SPINE (LEGHORN) Con't

12. Associated injuries:

a. Head	6	e. Abdomen	3
b. Face	2	f. Upper Extr.	4
c. Neck	0	g. Lower Extr.	4
d. Thorax	6		

Total Ass'd Injuries: 25

13. Operations Ass'd Injuries:

a. Other hospitals only:	4
b. In 12th GH only:	1
c. In both 12th GH and other hospitals:	5 (x 2)

Total operations Ass'd injuries: 15

14. Diving injuries: 0

<u>Cervical:</u>	<u>Thoracic:</u>
1	1
2	2
3	3
4	4
5	5
6	6
7	7

15. Intervertebral Discs:

a. EPTI	2				
b. LOD	11				
		<u>Disposition</u>			
c. Operation	Elsewhere	:	A	B	C
	12th GH	:	0	0	0
	No Operation	:	1	0	0
			0	0	12

16. Disease other than Disc: 1

17. Condition on Discharge

a. Improved	:	36
b. Not improved	:	17

<u>Disposition</u>		<u>A</u>	<u>B</u>	<u>C</u>	<u>Death</u>	<u>60 Day Evac</u>
<u>Cervical:</u>	open	0	0	1	0	0
	closed	0	1	2	0	0
<u>Thoracic:</u>	open	1	0	5	0	0
	closed	1	0	7	0	1
<u>Lumbar:</u>	open	0	00	6	0	1
	closed	0	1	6	0	5
<u>Sacral:</u>	open	0	0	3	0	0
	closed	0	0	1	0	0

<u>Disposition</u>	<u>A</u>	<u>B</u>	<u>C</u>	<u>Death</u>	<u>60 Day Evac</u>
No fracture, concussion:	0	0	0	0	0
Disease other than Disc:	0	0	1	0	0