

The following clinical features are considered as red flags.

In the tables below identify serious musculoskeletal-related conditions which may be indicated by each of the listed red flags.

Answer sheet

MUSCULOSKELETAL SYSTEM

1. Constant, unremitting back pain accompanied by systemic symptoms (fever, rigors, malaise)

- | | |
|----------------|----------------|
| A | G |
| B | H |
| C | I |
| D | J |
| E | K |
| F | L |

2. Spinal pain together with iritis, skin rashes, urethral discharge and abdominal symptoms

- | | |
|----------------|----------------|
| A | G |
| B | H |
| C | I |
| D | J |
| E | K |
| F | L |

3. Night pain

- | | |
|----------------|----------------|
| A | G |
| B | H |
| C | I |
| D | J |
| E | K |
| F | L |

RED flags

EXERCISE

The following clinical features are considered as red flags.

In the tables below identify serious musculoskeletal-related conditions which may be indicated by each of the listed red flags.

Answer sheet

MUSCULOSKELETAL SYSTEM

4. Bilateral arm or leg pain

A	G
B	H
C	I
D	J
E	K
F	L

5. Hemiplegia or quadriplegia

A	G
B	H
C	I
D	J
E	K
F	L

6. Persistent back pain affecting the thoracolumbar region

A	G
B	H
C	I
D	J
E	K
F	L

The following clinical features are considered as red flags.

In the tables below identify serious musculoskeletal-related conditions which may be indicated by each of the listed red flags.

MUSCULOSKELETAL SYSTEM

7. Unexplained fractures or bone pains

A	G
B	H
C	I
D	J
E	K
F	L

8. Neurological deficit affecting the saddle area

A	G
B	H
C	I
D	J
E	K
F	L

References, Bibliography and Recommended reading

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Seller R H, Differential Diagnosis of Common Complaints, Saunders, 3rd edn, 1996 ISBN: 978-1416029069

Beck R, et al (2003), Tutorials in Differential Diagnosis, 4th edn., Churchill Livingstone. ISBN: 978-04430615-7-8

DVD-VIDEO recordings

Syrimis A (2007), Clinical Examinations DVDs, Bloomsbury Educational Ltd,

ISBNs:

- Respiratory system examination: 978-0-9551291-0-0
- General system examination: 978-0-9551291-1-7
- Cardiovascular system examination: 978-0-9551291-2-4
- Abdominal system examination: 978-0-9551291-3-1
- Peripheral nervous system examination: 978-0-9551291-4-8
- Cranial nerves examination: 978-0-9551291-5-5
- Musculoskeletal examination: 978-0-9551291-6-2
- Case History Taking: 978-0-9551291-7-9
- Clinical Examinations: Complete DVD series: 978-0-9551291-9-3

<http://www.clinicalexams.co.uk/student-resources-section.htm>

(For additional lecture notes, Q&As and images, Username & Password provided in class)

Boon N A, Colledge N R, Walker, B & Hunter J A A (2006), Davidson's Principles and Practice of Medicine, 20th Edition, Churchill Livingstone ISBN: 978-0-4430703-5-8

Bickley, L. S.; Szilagyi, P. G.; 2003; ***Bates' Guide to Physical Examination and History Taking***; (8th Ed); Lippincott; New York.

Epstein, O.; et al.; 1997; *Clinical Examination*; (2nd Ed.); Mosby; London. (similar to Bates but presents the information in a different but equally good way. Some very good photographs and is user friendly).

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Forbes, C. D.; Jackson, W. F.; 1998; *Color Atlas and Test of Clinical Medicine*; (2nd Ed.); Mosby; London. Excellent reference book for photographs of various pathologies.

Haslett, C.; et al.; 1999; *Davidson's Principles and Practice of Medicine*; (18th Ed.); Churchill Livingstone; Edinburgh. (Use to put your clinical findings into context of general medicine).

Bradley J, Rubenstein D, Wayne D, The Clinical Manual, Blackwell Scientific publications. ISBN 0-632-03312-6. This is another very good pocket size book but you may have to order it. I find this book very useful because it also had a summary of the main pathologies and their signs and symptoms.

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The Merck Manuals Online Medical Library, (2007). Gastroesophageal Reflux Disease (GERD). [online] Available from: <<http://www.merck.com/mmpe/sec02/ch012/ch012f.html?qt=gastro%20oesophageal%20reflux&alt=sh>> [Accessed 23 November 2007].