

Evidence-Based Medicine

Contents

Purpose and Procedure 2

**Additional Articles Abstracted
in *ACP Journal Club*** 4

EBM NOTEBOOK

Clinical prediction guides 5

On the need for evidence-based clinical biochemistry

THERAPEUTICS

Review: Corticosteroids reduce relapse rate, β -agonist use,
and hospitalisation rate in acute asthma exacerbation
after initial assessment 9

Review: Statins prevent stroke, especially in patients
with coronary heart disease 10

Review: Benzodiazepines are more effective than
neuroleptics in reducing delirium and seizures in
alcohol withdrawal 11

Review: Selective serotonin reuptake inhibitors are
effective for mixed chronic pain 12

Zinc supplementation reduced diarrhoea in young,
poor Guatemalan children 13

Review: Antibiotics provide modest benefit for acute
otitis media 14

Didanosine alone or zidovudine plus didanosine was
more effective than zidovudine alone for children with
HIV infection 15

Oral aciclovir shortened duration of symptoms in
herpetic gingivostomatitis 16

Injections cured synovial shoulder complaints and
manipulation cured shoulder-girdle complaints 17

Early amniotomy increased the rate of fetal heart
decelerations 18

Deferred treatment of cervical abnormalities resulted
in poor follow-up and delayed treatment of serious
disease 19

Review: Prophylactic antifungal treatment decreases
systemic fungal infection but not mortality in cancer
complicated by neutropenia 20

DIAGNOSIS

2 questions were as good as more questions for
detecting depression 21

Review: Subtle clinical findings can detect left-sided
heart failure in adults 22

PROGNOSIS

HIV-1 RNA levels and CD4⁺ lymphocyte counts
predicted disease progression in HIV infection 23

ETIOLOGY

Use of inhaled corticosteroids was associated with the
development of cataracts 24

Postmenopausal hormone use was associated with
decreased total mortality 25

Alcohol consumption was not associated with cognitive
performance or brain atrophy in older Australian men 26

Review: Microalbuminuria predicts overall mortality
and cardiovascular mortality and morbidity in non-
insulin-dependent diabetes mellitus 27

Biopsy taken at orchidopexy was associated with an
increased risk for testicular cancer in boys with
cryptorchidism 28

QUALITY IMPROVEMENT

Review: Effectiveness of local opinion leaders varies 29

Review: Clinical practice guidelines may not improve
patient outcomes in primary care 30

Use of Ottawa ankle rules reduced radiography requests
for patients who had acute ankle or midfoot injuries 31

CLINICAL PREDICTION GUIDE

Benefit from thrombolysis in acute MI can be predicted in
the emergency department 32

Glossary Inside back cover