

Name of Journal: *World Journal of Orthopedics*

ESPS Manuscript NO: 26884

Manuscript Type: MINIREVIEWS

Casting: Pearls and pitfalls learned while caring for children's fractures

Shawn Nguyen, Mitchell McDowell, John Schlechter

Abstract

Casting is a routine procedure used for fracture care in the pediatric population. The purpose of this review is to provide pearls and pitfalls that our institution has learned from previous literature. When applying the cast, we recommend using cotton padding for the liner and fiberglass or plaster depending on how much swelling is expected. A well-molded cast must be applied in order to prevent further fracture displacement. Cast valving is a valuable technique that allows a decrease in pressure which prevents discomfort and complications like compartment syndrome. Preventing thermal injuries, skin complications, and a wet cast are other important considerations when caring for casts. Appropriate use of a cast saw, avoiding pressure spots, and properly covering the cast are ways to respectively prevent those complications. Lastly, patient education

Match Overview

1	Internet 43 words crawled on 10-Feb-2015 www.youthsportsortho.com	1%
2	CrossCheck 33 words Roberts, Aaron, K. Aaron Shaw, Shawn E. Boomsma, and Craig D. Cameron. "Effect of Casting Material on the Cast Pre..."	1%
3	Internet 33 words crawled on 31-Oct-2010 www.curehunter.com	1%
4	Internet 21 words crawled on 24-Sep-2015 www.cvm-continental.com	1%
5	CrossCheck 6 words Eric W. Edmonds. "Predicting initial treatment failure of fiberglass casts in pediatric distal radius fractures: utility of the se..."	<1%



全部 图片 视频 新闻 更多 ▾ 搜索工具

找到约 1,310,000 条结果 (用时 0.74 秒)

[Pediatric Orthopedics Pearls and Pitfalls - Emergency ...](#)

[emergencymedicinescases.com/episidode-35-pediatric-orthopedics/](https://www.emergencymedicinescases.com/episidode-35-pediatric-orthopedics/) ▾ [翻译此页](#)

For more on Orthopedic **Pearls & Pitfalls** download our free interactive eBook EM ... In general, **children's** ligaments are stronger than their bones, thus **fractures** ... Always remember to be systematic **when** taking histories, and document carefully! ... malleolar **fractures** heal as well in an ankle stirrup brace as in a **cast** or boot, ...

[\[PDF\] Common Fractures](#)

<https://www.childrensmercy.org/.../04.%20Common%20Fractu...> ▾ [翻译此页](#)

Practice based **learning** ... **fracture care**. Overview. Common **Fractures** in **Children** ...
Tips on: **Casting/splinting**, • Common **Fractures**. **Pitfalls** When Treating ... if pinned.
Pearls: Casting and **Splinting**. **Casting** Materials. • **Plaster of Paris**.

[Musculoskeletal and Sports Medicine For The Primary Care ...](#)

<https://books.google.com.hk/books?isbn=1482220121> - [翻译此页](#)

Richard B. Birrer, Francis G. O'Connor, Shawn F. Kane - 2016 - Medical

Clinical **Pearl** Patients who complain of pain out of proportion following **cast** ... to pain, such as heat and pressure that may occur **during** splint and **cast** application. ... may also potentiate osteopenia, which then could lead to poor **fracture** healing. ... 33.7
CONCLUSION Primary **care** providers can **learn** to appropriately ...

[Pearls and Pitfalls // ACEP](#)

www.acep.org/content.aspx?id=87349 ▾ [翻译此页](#)

Minor oral bleeds can be managed with local **care**, **while** major bleeding requires factor ... **Pearls & Pitfalls - CAST Fractures: Accidental or Child Abuse?** - 1/11/ ...

缺少字词: learned

[Compartment Syndrome: Pearls and Pitfalls - emdocs](#)

[全部](#) [图片](#) [视频](#) [新闻](#) [更多 ▾](#) [搜索工具](#)

找到约 2,000,000 条结果 (用时 0.71 秒)

[Pediatric Orthopedics Pearls and Pitfalls - Emergency Medicine Cases](#)

[emergencymedicinescases.com/episdone-35-pediatric-orthopedics/](#) ▾ [翻译此页](#)

For more on Orthopedic **Pearls & Pitfalls** download our free interactive eBook EM ... In general, **children's** ligaments are stronger than their bones, thus **fractures** ... Always remember to be systematic **when** taking histories, and document carefully! ... malleolar **fractures** heal as well in an ankle stirrup brace as in a **cast** or boot, ...

[\[PDF\] Common Fractures](#)

<https://www.childrensmercy.org/.../04.%20Common%20Fractures%20-%20...> ▾ [翻译此页](#)

Practice based **learning** ... **fracture care**. Overview. Common **Fractures** in **Children** ... Tips on **Casting/splinting**. • Common. **Fractures. Pitfalls When Treating** ... if pinned. **Pearls: Casting and Splinting. Casting Materials**. • Plaster of Paris.

[Musculoskeletal and Sports Medicine For The Primary Care ...](#)

<https://books.google.com.hk/books?isbn=1482220121> - [翻译此页](#)

Richard B. Birrer, Francis G. O'Connor, Shawn F. Kane - 2016 - Medical

Clinical **Pearl** Patients who complain of pain out of proportion following **cast** ... to pain, such as heat and pressure that may occur **during** splint and **cast** application. ... may also potentiate osteopenia, which then could lead to poor **fracture** healing. ... 33.7 CONCLUSION Primary **care** providers can **learn** to appropriately ...

[Wrist and Distal Forearm Injuries: Pearls & Pitfalls - emdocs](#)

[www.emdocs.net/wrist-and-distal-forearm-injuries-pearls-pitfalls/](#) ▾ [翻译此页](#)

作者: J Brown - [相关文章](#)

2015年11月7日 - **Care** should be taken **when** hyperflexing the wrist, as it can result in new ... A long arm/double sugar-tong **cast** should be applied with the wrist in ... These **fracture**-dislocations are more common in **children** with a peak incidence from 9-12. Dr. Strangelove or How I **Learned** to Stop **Worrying** and Sit on the ...



全部 图片 视频 新闻 更多 ▾ 搜索工具

找到约 2,410,000 条结果 (用时 0.60 秒)

Pediatric Orthopedics Pearls and Pitfalls - Emergency Medicine Cases

[emergencymedicinercases.com/episodode-35-pediatric-orthopedics/](https://www.emergencymedicinercases.com/episodode-35-pediatric-orthopedics/) ▾ 翻译此页

For more on Orthopedic **Pearls & Pitfalls** download our free interactive eBook EM ... In general, **children's** ligaments are stronger than their bones, thus **fractures** ... Always remember to be systematic **when** taking histories, and document carefully! malleolar **fractures** heal as well in an ankle stirrup brace as in a **cast** or boot, ...

[PDF] Common Fractures

<https://www.childrensmercy.org/.../04.%20Common%20Fractures%20-%20...> ▾ 翻译此页

Practice based **learning** ... **fracture care**. Overview. Common **Fractures** in Children ... Tips on. **Casting/splinting**. • Common. **Fractures**. **Pitfalls** When Treating ... if pinned. **Pearls: Casting** and. **Splinting**. **Casting** Materials. • Plaster of Paris.

Musculoskeletal and Sports Medicine For The Primary Care ...

<https://books.google.com.hk/books?isbn=1482220121> - 翻译此页

Richard B. Birrer, Francis G. O'Connor, Shawn F. Kane - 2016 - Medical
Clinical **Pearl** Patients who complain of pain out of proportion following **cast** ... to pain, such as heat and pressure that may occur **during** splint and **cast** application. ... may also potentiate osteopenia, which then could lead to poor **fracture** healing. ... 33.7 CONCLUSION Primary **care** providers can **learn** to appropriately ...

Pearls and Pitfalls // ACEP

<https://www.acep.org/content.aspx?id=87349> ▾ 翻译此页

Minor oral bleeds can be managed with local **care**, **while** major bleeding requires factor ... **Pearls & Pitfalls** - CAST Fractures: Accidental or **Child** Abuse? - 1/11/ ...

Compartment Syndrome: Pearls and Pitfalls - emdocs

www.emdocs.net/compartment-syndrome-pearls-pitfalls/ - 翻译此页