



# Quality Measures

**Goals:**

- Reduce unnecessary routine orthopedic or primary care physician follow-up for isolated closed distal radius buckle fractures managed with a removable splint.
- Improve patient and family satisfaction with injury management by encouraging use of removable splints compared to volar arm splints

**Process Measure:**

ED/UC Smart Set utilization

**Outcome Measure:**

Percent of patients with an isolated closed distal radius buckle fracture managed with a removable splint and, of those, percent with recommended orthopedic or primary care physician clinic follow-up at time of initial injury

**Balancing measure:**

Percent of patients managed with a removable splint who required cast application within 3-6 weeks

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# Pathway Team & Development

## Pathway Development Team:

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Advisory Committee Date: *September, 2022*

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Last Revision Date: *September, 2025*

## Clinical Pathway Development

This clinical pathway was developed using the process described in the NCH Clinical Pathway Development Manual Version 6, 2022. Clinical Pathways at Nationwide Children's Hospital (NCH) are standards which provide general guidance to clinicians. Patient choice, clinician judgment, and other relevant factors in diagnosing and treating patients remain central to the selection of diagnostic tests and therapy. The ordering provider assumes all risks associated with care decisions. NCH assumes no responsibility for any adverse consequences, errors, or omissions that may arise from the use or reliance on these guidelines. NCH's clinical pathways are reviewed periodically for consistency with new evidence; however, new developments may not be represented, and NCH makes no guarantees, representations, or warranties with respect to the information provided in this clinical pathway.

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**For more information about our pathways and program please contact:**

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# Key References

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