Complete Summary

GUIDELINE TITLE

Clinical guideline on management of acute dental trauma.

BIBLIOGRAPHIC SOURCE(S)


GUIDELINE STATUS

This is the current release of the guideline.

COMPLETE SUMMARY CONTENT

SCOPE
METHODOLOGY - including Rating Scheme and Cost Analysis
RECOMMENDATIONS
EVIDENCE SUPPORTING THE RECOMMENDATIONS
BENEFITS/HARMS OF IMPLEMENTING THE GUIDELINE RECOMMENDATIONS
CONTRAINdicATIONS
QUALIFYING STATEMENTS
IMPLEMENTATION OF THE GUIDELINE
INSTITUTE OF MEDICINE (IOM) NATIONAL HEALTHCARE QUALITY REPORT
CATEGORIES
IDENTIFYING INFORMATION AND AVAILABILITY
DISCLAIMER

SCOPE

DISEASE/CONDITION(S)

Acute traumatic dental injuries including:

- Infraction
- Crown fracture (uncomplicated or complicated)
- Crown/root fracture
- Root fracture
- Concussion
- Subluxation
- Lateral luxation
- Intrusion
- Extrusion
- Avulsion
GUIDELINE CATEGORY

Diagnosis
Management
Treatment

CLINICAL SPECIALTY

Dentistry
Pediatrics

INTENDED USERS

Dentists
Emergency Medical Technicians/Paramedics
Physicians

GUIDELINE OBJECTIVE(S)

To define, describe appearances of, and set forth objectives for general management of acute traumatic dental injuries

TARGET POPULATION

Children with acute traumatic dental injuries

INTERVENTIONS AND PRACTICES CONSIDERED

Diagnosis

1. Radiographic assessment
2. Clinical assessment

Management/Treatment

1. Flexible splinting
2. Maintaining pulp vitality
3. Restoring normal esthetics and function
4. Examining injured lips, tongue, and gingival for tooth fragments
5. Pulpal treatment alternatives for primary teeth:
   - Pulpotomy
   - Pulpectomy
   - Extraction
6. Pulpal treatment alternatives for permanent teeth:
   - Direct pulp capping
   - Partial pulpotomy
   - Pulpectomy (start of root canal therapy)
7. Tooth removal
8. Coronal fragment removal followed by supragingival restoration or necessary gingivectomy; osteotomy; or surgical or orthodontic extrusion to prepare for restoration
9. Repositioning of displaced tooth
10. Tooth replantation
11. Tetanus prophylaxis
12. Antibiotic coverage

**MAJOR OUTCOMES CONSIDERED**

Not stated

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**METHODS USED TO COLLECT/SELECT EVIDENCE**

Hand-searches of Published Literature (Primary Sources)
Searches of Electronic Databases

**DESCRIPTION OF METHODS USED TO COLLECT/SELECT THE EVIDENCE**

This guideline is based on a review of the current dental and medical literature related to dental trauma. A MEDLINE search was conducted using the terms "teeth," "trauma," "permanent teeth," and "primary teeth." Also, a review of the journal *Dental Traumatology* was conducted for the years 2000-2003.

**NUMBER OF SOURCE DOCUMENTS**

Not stated

**METHODS USED TO ASSESS THE QUALITY AND STRENGTH OF THE EVIDENCE**

Not stated

**RATING SCHEME FOR THE STRENGTH OF THE EVIDENCE**

Not applicable

**METHODS USED TO ANALYZE THE EVIDENCE**

Review

**DESCRIPTION OF THE METHODS USED TO ANALYZE THE EVIDENCE**

Not stated

**METHODS USED TO FORMULATE THE RECOMMENDATIONS**

Expert Consensus
DESCRIPTION OF METHODS USED TO FORMULATE THE RECOMMENDATIONS

The oral health policies and clinical guidelines of the American Academy of Pediatric Dentistry (AAPD) are developed under the direction of the Board of Trustees, utilizing the resources and expertise of its membership operating through the Council on Clinical Affairs (CCA).

Proposals to develop or modify policies and guidelines may originate from 4 sources:

1. the officers or trustees acting at any meeting of the Board of Trustees
2. a council, committee, or task force in its report to the Board of Trustees
3. any member of the AAPD acting through the Reference Committee hearing of the General Assembly at the Annual Session
4. officers, trustees, council and committee chairs, or other participants at the AAPD’s Annual Strategic Planning Session

Regardless of the source, proposals are considered carefully, and those deemed sufficiently meritorious by a majority vote of the Board of Trustees are referred to the CCA for development or review/revision.

Once a charge (directive from the Board of Trustees) for development or review/revision of an oral health policy or clinical guideline is sent to the CCA, it is assigned to 1 or more members of the CCA for completion. CCA members are instructed to follow the specified format for a policy or guideline. All oral health policies and clinical guidelines are based on 2 sources of evidence: (1) the scientific literature; and (2) experts in the field. Members may call upon any expert as a consultant to the council to provide expert opinion. The Council on Scientific Affairs provides input as to the scientific validity of a policy or guideline.

The CCA meets on an interim basis (midwinter) to discuss proposed oral health policies and clinical guidelines. Each new or reviewed/revised policy and guideline is reviewed, discussed, and confirmed by the entire council.

RATING SCHEME FOR THE STRENGTH OF THE RECOMMENDATIONS

Not applicable

COST ANALYSIS

A formal cost analysis was not performed and published cost analyses were not reviewed.

METHOD OF GUIDELINE VALIDATION

Comparison with Guidelines from Other Groups
Peer Review

DESCRIPTION OF METHOD OF GUIDELINE VALIDATION
Once developed by the Council on Clinical Affairs (CCA), the proposed policy or guideline is submitted for the consideration of the Board of Trustees. While the board may request revision, in which case it is returned to the council for modification, once accepted by majority vote of the board, it is referred for Reference Committee hearing at the upcoming Annual Session. At the Reference Committee hearing, the membership may provide comment or suggestion for alteration of the document before presentation to the General Assembly. The final document then is presented for ratification by a majority vote of the membership present and voting at the General Assembly. If accepted by the General Assembly, either as proposed or as amended by that body, the document then becomes the official American Academy of Pediatric Dentistry (AAPD) oral health policy or clinical guideline for publication in the AAPD's Reference Manual and on the AAPD’s Web site.

RECOMMENDATIONS

MAJOR RECOMMENDATIONS

Infraction

Definition: Incomplete fracture (crack) of the enamel without loss of tooth structure

Diagnosis: Normal gross anatomic and radiographic appearance; craze lines apparent, especially with transillumination

Treatment objectives: To maintain structural integrity and pulp viability

(Andreasen & Andreasen, 1994; Robertson, 1998; Ravn, "Follow-up study of permanent incisors with enamel cracks," 1981)

General prognosis: Complications are unusual.

Crown Fracture - Uncomplicated

Definition: An enamel fracture or an enamel-dentin fracture that does not involve the pulp


Treatment objectives: To maintain pulp vitality and restore normal esthetics and function. Injured lips, tongue, and gingival should be examined for tooth fragments. For small fractures, rough margins and edges can be smoothed. For larger fractures, the lost tooth structure can be restored (Flores et al., "Guidelines, part 1," 2001; Flores et al., "Guidelines, part 3," 2001; Flores, 2002;
General prognosis: The prognosis of uncomplicated crown fractures depends primarily upon the concomitant injury to the periodontal ligament and secondarily upon the extent of dentin exposed (Andreasen & Andreasen, 2000). Optimal treatment results follow immediate assessment and care.

Crown Fracture - Complicated

Definition: An enamel-dentin fracture with pulp exposure

Diagnosis: Clinical and radiographic findings reveal a loss of tooth structure with pulp exposure (Flores et al., "Guidelines, part 1," 2001; Flores et al., "Guidelines, part 3," 2001; Flores, 2002; Andreasen & Andreasen, 2000).

Treatment objectives: To maintain pulp vitality and restore normal esthetics and function (AAPD, 2002). Injured lips, tongue, and gingiva should be examined for tooth fragments.

- Primary teeth: Decisions often are based on life expectancy of the traumatized primary tooth and vitality of the pulpal tissue. Pulpal treatment alternatives are pulpotomy, pulpectomy, and extraction (Flores et al., "Guidelines, part 1," 2001; Flores et al, 2002; McTigue, "Introduction," 1999; Borum & Andreasen, 1998; Fried & Erickson, 1995).
- Permanent teeth: Pulpal treatment alternatives are direct pulp capping, partial pulpotomy, and pulpectomy (start of root canal therapy) (Flores et al., "Guidelines, part 3," 2001; Andreasen & Andreasen, 2000; Cvek, 1978).

General prognosis: The prognosis of crown fractures appears to depend primarily upon a concomitant injury to the periodontal ligament (Andreasen & Andreasen, 2000). The age of the pulp exposure, extent of dentin exposed, and stage of root development at the time of injury secondarily affect the tooth’s prognosis (Andreasen & Andreasen, 2000). Optimal treatment results follow immediate assessment and care.

Crown/Root Fracture

Definition: An enamel, dentin, and cementum fracture with or without pulp exposure

Diagnosis: Clinical findings usually reveal a mobile coronal fragment attached to the gingiva with or without a pulp exposure. Radiographic findings may reveal a radiolucent oblique line that comprises crown and root in a vertical direction in primary teeth and in a direction usually perpendicular to the central radiographic beam in permanent teeth. While radiographic demonstration often is difficult, root fractures can only be diagnosed radiographically (Flores et al., "Guidelines, part
Treatment objectives: To maintain pulp vitality and restore normal esthetics and function (Tapias et al., 2003)

- Primary teeth: When the primary tooth cannot or should not be restored, the entire tooth should be removed unless retrieval of apical fragments may result in damage to the succedaneous tooth (Flores et al., "Guidelines, part 1," 2001; Flores et al., 2002).
- Permanent teeth: The emergency treatment objective is to stabilize the coronal fragment. DEFINITIVE treatment alternatives are to remove the coronal fragment followed by a supragingival restoration or necessary gingivectomy, osteotomy, or surgical or orthodontic extrusion to prepare for restoration. If the pulp is exposed, pulpal treatment alternatives are pulp capping, pulpotomy, and root canal treatment (Flores et al., "Guidelines, part 3," 2001; Andreasen & Andreasen, 2000).

General prognosis: Although the treatment of crown-root fractures can be complex and laborious, most fractured permanent teeth can be saved (Andreasen & Andreasen, 2000). Fractures extending significantly below the gingival margin may not be restorable.

Root Fracture

Definition: A dentin and cementum fracture involving the pulp

Diagnosis: Clinical findings reveal a mobile coronal fragment attached to the gingiva that may be displaced. Radiographic findings may reveal 1 or more radiolucent lines that separate the tooth fragments in horizontal fractures. Multiple radiographic exposures at different angulations may be required for diagnosis. A root fracture in a primary tooth may be obscured by a succedaneous tooth (Flores et al., "Guidelines, part 1," 2001; Flores et al., "Guidelines, part 3," 2001; Flores, 2002; Andreasen & Andreasen, 2000).

Treatment objectives: To reposition as soon as possible and then to stabilize the coronal fragment in its anatomically correct position to optimize healing of the periodontal ligament and neurovascular supply, while maintaining esthetic and functional integrity (Andreasen & Andreasen, 1994).

- Primary teeth: Treatment alternatives include extraction of coronal fragment without insisting on removing apical fragment or observation (Flores et al., "Guidelines, part 1," 2001; Flores et al., 2002; McTigue, "Introduction," 1999).
- Permanent teeth: Reposition and stabilize the coronal fragment (Flores et al., "Guidelines, part 3," 2001; Andreasen & Andreasen, 2000).

General prognosis: Pulp necrosis in root-fractured teeth (approximately 25%) is attributed to displacement of the coronal fragment and mature root development (Andreasen & Andreasen, 2000). In permanent teeth, the location of the root fracture has not been shown to affect pulp survival after injury (Andreasen &
Andreasen, 2000). Therefore, root fractures occurring in either the tooth's cervical third or apical third could be treated successfully by stabilization of the repositioned fragment (Andreasen & Andreasen, 2000).

**Concussion**

**Definition**: Injury to the tooth-supporting structures without abnormal loosening or displacement of the tooth.

**Diagnosis**: Because the periodontal ligament absorbs the injury and is inflamed, clinical findings reveal a tooth tender to pressure and percussion without mobility, displacement, or sulcular bleeding. Radiographic abnormalities are not expected (Flores et al., "Guidelines, part 2," 2001; Flores et al., "Guidelines, part 4," 2001; Flores et al., 2002; Andreasen & Andreasen, 2000; McTigue, "Introduction," 1999; McTigue, "Managing," 1999).


**General prognosis**: For primary teeth, unless associated infection exists, no pulpal therapy is indicated (Flores, 2002). Although there is a minimal risk for pulp necrosis, mature permanent teeth with closed apices may undergo pulpal necrosis due to associated injuries to the blood vessels at the apex and, therefore, must be followed carefully (Andreasen & Andreasen, 2000).

**Subluxation**

**Definition**: Injury to tooth-supporting structures with abnormal loosening but without tooth displacement.

**Diagnosis**: Because the periodontal ligament attempts to absorb the injury, clinical findings reveal a mobile tooth without displacement that may or may not have sulcular bleeding. Radiographic abnormalities are not expected (Flores et al., "Guidelines, part 2," 2001; Flores et al., "Guidelines, part 4," 2001; Flores, 2002; Andreasen & Andreasen, 2000).


- Primary teeth: The tooth should be followed for pathology.
- Permanent teeth: Stabilize the tooth and relieve any occlusal interferences. For comfort, a flexible splint can be used. Splint for no more than 2 weeks.
General prognosis: Prognosis is usually favorable (McTigue, "Introduction," 1999; McTigue, "Managing," 1999). The primary tooth should return to "normality" within 2 weeks (Flores, 2002). Mature permanent teeth with closed apices may undergo pulpal necrosis due to associated injuries to the blood vessels at the apex and, therefore, must be followed carefully (Andreasen & Andreasen, 2000).

Lateral Luxation

Definition: Displacement of the tooth in a direction other than axially. The periodontal ligament is torn and contusion or fracture of the supporting alveolar bone occurs (McTigue, "Introduction," 1999; McTigue, "Managing," 1999).

Diagnosis: Clinical findings reveal that a tooth is displaced laterally with the crown usually in a palatal or lingual direction and may be locked firmly into this new position. The tooth usually is not mobile or tender to touch. Radiographic findings reveal an increase in periodontal ligament space and displacement of apex toward or through the labial bone plate (Flores et al., "Guidelines, part 2," 2001; Flores et al., "Guidelines, part 4," 2001; Flores, 2002; Andreasen & Andreasen, 2000).

Treatment objectives:

- Primary teeth: To allow passive repositioning or actively reposition and splint for 1 to 2 weeks as indicated to allow for healing, except when the injury is severe or the tooth is nearing exfoliation (Flores et al., "Guidelines, part 2," 2001; Flores, 2002; Borum & Andreasen, 1998; Fried & Erickson, 1995; Soporowski, Allred, & Needleman, 1994; Ravn, 1968; Andreasen & Andreasen, 1994)

- Permanent teeth: To reposition as soon as possible and then to stabilize the tooth in its anatomically correct position to optimize healing of the periodontal ligament and neurovascular supply, while maintaining esthetic and functional integrity. Repositioning of the tooth is done with little force and digital pressure. The tooth may need to be extruded to free apical lock in the cortical bone plate. Splinting an additional 2 to 4 weeks may be needed with breakdown of marginal bone (Flores et al., "Guidelines, part 4," 2001; Andreasen & Andreasen, 2000; Andreasen & Andreasen, 1994; Crona-Larson, Bjarnason, & Noren, 1991).

General prognosis: Primary teeth requiring repositioning have an increased risk of developing pulp necrosis compared to teeth that are left to spontaneously reposition (Flores, 2002). In mature permanent teeth with closed apices, there is considerable risk for pulp necrosis and progressive root resorption.

Intrusion

Definition: Apical displacement of tooth into the alveolar bone. The tooth is driven into the socket, compressing the periodontal ligament and commonly causes a crushing fracture of the alveolar socket (McTigue, "Introduction," 1999; McTigue, "Managing," 1999).
**Diagnosis:** Clinical findings reveal that the tooth appears to be shortened or, in severe cases, it may appear missing. The tooth's apex usually is displaced labially toward or through the labial bone plate in primary teeth and driven into the alveolar process in permanent teeth. The tooth is not mobile or tender to touch. Radiographic findings reveal that the tooth appears displaced apically and the periodontal ligament space is not continuous. Determination of the relationship of an intruded primary tooth with the follicle of the succedaneous tooth is mandatory. If the apex is displaced labially, the apical tip can be seen radiographically with the tooth appearing shorter than its contralateral. If the apex is displaced palatally towards the permanent tooth germ, the apical tip cannot be seen radiographically and the tooth appears elongated. An extraoral lateral radiograph also can be used to detect displacement of the apex toward or through the labial bone plate. An intruded young permanent tooth may mimic an erupting tooth (Flores et al., "Guidelines, part 2," 2001; Flores et al., "Guidelines, part 4," 2001; Flores, 2002; Andreasen & Andreasen, 2000).

**Treatment objectives:**

- **Primary teeth:** To allow spontaneous re-eruption except when displaced into the developing successor. Extraction is indicated when the apex is displaced toward the permanent tooth germ (Flores et al., "Guidelines, part 2," 2001; Flores, 2002; Borum & Andreasen, 1998; Fried & Erickson, 1995; Soporowski, Allred, & Needleman, 1994; Ravn, 1968; Andreasen & Andreasen, 1994).
- **Permanent teeth:** To reposition passively or actively and stabilize the tooth in its anatomically correct position to optimize healing of the periodontal ligament and neurovascular supply while maintaining esthetic and functional integrity. In teeth with immature root formation, the objective is to allow for spontaneous eruption. In mature teeth, the goal is to reposition the tooth with orthodontic or surgical extrusion and initiate endodontic treatment within the first 3 weeks of the traumatic incidence (Flores et al., "Guidelines, part 4," 2001; Andreasen & Andreasen, 2000; Andreasen & Andreasen, 1994; Crona-Larson, Bjarnason, & Noren, 1991).

**General prognosis:** In primary teeth, 90% of intruded teeth will re-erupt spontaneously in 2 to 6 months (McTigue, "Introduction," 1999). Even in cases of complete intrusion and displacement of primary teeth through the labial bone plate, a retrospective study showed the re-eruption and survival of most teeth for more than 36 months (Holan & Ram, 1999). Ankylosis may occur, however, if the periodontal ligament of the affected tooth was severely damaged, thereby delaying or altering the eruption of the permanent successor (Flores, 2002). In permanent, mature teeth with closed apices, there is considerable risk for pulp necrosis and progressive root resorption.

**Extrusion**

**Definition:** Partial displacement of the tooth axially from the socket. The periodontal ligament usually is torn (McTigue, "Introduction," 1999; McTigue, "Managing," 1999).

**Diagnosis:** Clinical findings reveal that the tooth appears elongated and is mobile. Radiographic findings reveal an increased periodontal ligament space...

**Treatment objectives:**

- **Primary teeth:** To reposition and allow for healing, except when there are indications for an extraction (i.e., the injury is severe or the tooth is nearing exfoliation). If the treatment decision is to reposition and stabilize, splint for 1 to 2 weeks (Flores et al., "Guidelines, part 2," 2001; Flores, 2002; McTigue, "Introduction," 1999; Borum & Andreasen, 1998; Fried & Erickson, 1995; Soporowski, Allred, & Needleman, 1994; Ravn, 1968; Andreasen & Andreasen, 1994).

- **Permanent teeth:** To reposition as soon as possible and then to stabilize the tooth in its anatomically correct position to optimize healing of the periodontal ligament and neurovascular supply while maintaining esthetic and functional integrity. Repositioning may be accomplished with slow and steady apical pressure to gradually displace coagulum formed between root apex and floor of the socket. Splint for up to 3 weeks (Flores et al., "Guidelines, part 4," 2001; Andreasen & Andreasen, 2000; Andreasen & Andreasen, 1994; Crona-Larson, Bjarnason, & Noren, 1991).

**General prognosis:** There is a lack of clinical studies evaluating repositioning of extruded primary teeth (Flores, 2002). In permanent mature teeth with closed apices, there is considerable risk for pulp necrosis. These teeth must be followed carefully (Flores et al., "Guidelines, part 4," 2001; Andreasen & Andreasen, 2000).

**Avulsion**

**Definition:** Complete displacement of tooth out of socket. The periodontal ligament is severed and fracture of the alveolus may occur (McTigue, "Introduction," 1999; McTigue, "Managing," 1999).

**Diagnosis:** Clinical and radiographic findings reveal that the tooth is not present in the socket or the tooth already has been replanted. Radiographic assessment will verify that the tooth is not intruded when the tooth was not found (Flores et al., "Guidelines, part 2," 2001; Flores, 2002; Andreasen & Andreasen, 2000; McTigue, "Introduction," 1999; McTigue, "Managing," 1999).

**Treatment objectives:**

- **Primary teeth:** To prevent further injury to the developing successor. Avulsed primary teeth should not be replanted because of the potential for subsequent damage to developing permanent tooth germs, and pulpal necrosis is a frequent event (Flores et al., "Guidelines, part 2," 2001; Flores, 2002; Andreasen & Andreasen, 2000; McTigue, "Introduction," 1999; Ravn, 1968; Andreasen & Andreasen, 1994).

- **Permanent teeth:** To replant as soon as possible and then to stabilize the replanted tooth in its anatomically correct location to optimize healing of the periodontal ligament and neurovascular supply while maintaining esthetic and functional integrity except when replanting is contraindicated by:
1. The child's stage of dental development (risk for ankylosis where considerable alveolar growth has to take place);
2. Compromising medical condition; or
3. Compromised integrity of the avulsed tooth or supporting tissues


**General prognosis:** Prognosis in the permanent dentition is primarily dependent upon formation of root development and extraoral dry time (Flores et al., "Guidelines, part 5," 2001; Andreasen & Andreasen, 2000). The tooth has the best prognosis if replanted immediately. If the tooth cannot be replanted within 5 minutes, it should be stored in a medium that will help maintain vitality of the periodontal ligament fibers (AAPD, 2002). Transportation media for avulsed teeth include (in order of preference): Viaspan, Hank's Balanced Salt Solution (tissue culture medium), cold milk, saliva (buccal vestibule), physiologic saline, or water ("Treatment of the avulsed permanent tooth," 1995; Andreasen et al., "Replantation, 4," 1995; Barrett & Kenny, "Survival," 1997; Barrett & Kenny, "Avulsed," 1997; Hiltz & Trope, 1991). The risk of ankylosis increases significantly with an extraoral dry time of 15 minutes (AAPD, 2002).

**Additional considerations:** There are possible contraindications to tooth replantation. Examples are immunocompromise, severe congenital cardiac anomalies, severe uncontrolled seizure disorder, severe mental disability, severe uncontrolled diabetes, and lack of alveolar integrity.

**CLINICAL ALGORITHM(S)**
None provided

**EVIDENCE SUPPORTING THE RECOMMENDATIONS**

**REFERENCES SUPPORTING THE RECOMMENDATIONS**
References open in a new window

**TYPE OF EVIDENCE SUPPORTING THE RECOMMENDATIONS**
All oral health policies and clinical guidelines are based on 2 sources of evidence: (1) the scientific literature; and (2) experts in the field.

**BENEFITS/HARMs OF IMPLEMENTING THE GUIDELINE RECOMMENDATIONS**

**POTENTIAL BENEFITS**
Appropriate management of acute dental trauma in pediatric patients

**POTENTIAL HARMs**

The risk of ankylosis increases significantly with an extraoral dry time of 15 minutes.

**CONTRAINDICATIONS**

There are possible contraindications to tooth replantation. Examples are immunocompromise, severe congenital cardiac anomalies, severe uncontrolled seizure disorder, severe mental disability, severe uncontrolled diabetes, and lack of alveolar integrity.

**QUALIFYING STATEMENTS**

Appendix I of the original guideline document is a sample document for recording assessment of acute traumatic injuries. This sample form, developed by the American Academy of Pediatric Dentists (AAPD), is provided as a practice tool for pediatric dentists and other dentists treating children. It was developed by pediatric dentistry experts and offered to facilitate excellence in practice. This form, however, does not establish or evidence a standard of care. In issuing this form, the American Academy of Pediatric Dentists is not engaged in rendering legal or other professional advice. If such services are required, competent legal or other professional counsel should be sought. Well-designed follow-up procedures are essential to diagnose complications.

**IMPLEMENTATION OF THE GUIDELINE**

**DESCRIPTION OF IMPLEMENTATION STRATEGY**

An implementation strategy was not provided.

**IMPLEMENTATION TOOLS**

Chart Documentation/Checklists/Forms

Resources

For information about availability, see the "Availability of Companion Documents" and "Patient Resources" fields below.

**INSTITUTE OF MEDICINE (IOM) NATIONAL HEALTHCARE QUALITY REPORT CATEGORIES**

**IOM CARE NEED**
Getting Better

IOM DOMAIN

Effectiveness

IDENTIFYING INFORMATION AND AVAILABILITY

BIBLIOGRAPHIC SOURCE(S)


ADAPTATION

Not applicable: The guideline was not adapted from another source.

DATE RELEASED

2004

GUIDELINE DEVELOPER(S)

American Academy of Pediatric Dentistry - Professional Association

SOURCE(S) OF FUNDING

American Academy of Pediatric Dentistry

GUIDELINE COMMITTEE

Council on Clinical Affairs

COMPOSITION OF GROUP THAT AUTHORED THE GUIDELINE

Not stated

FINANCIAL DISCLOSURES/CONFLICTS OF INTEREST

Not stated

GUIDELINE STATUS

This is the current release of the guideline.

GUIDELINE AVAILABILITY
Electronic copies: Available from the American Academy of Pediatric Dentistry Web site.

Print copies: Available from the American Academy of Pediatric Dentistry, 211 East Chicago Avenue, Suite 700, Chicago, Illinois 60611

AVAILABILITY OF COMPANION DOCUMENTS

Information about the American Academy of Pediatric Dentistry (AAPD) mission and guideline development process is available on the AAPD Web site.

The following implementation tool is available for download from the AAPD Web site:

- Dental growth and development chart

Additionally, a sample implementation tool for recording assessment of acute traumatic injuries is included in Appendix I in the original guideline document.

PATIENT RESOURCES

None available

NGC STATUS

This NGC summary was completed by ECRI on March 16, 2005. The information was verified by the guideline developer on April 18, 2005.

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