

## *Center of Dental Traumatology: HEPAG classification*

### **H = hard dental tissue**

- 5 = intact crown and root
- 4 = enamel fracture, fracture of the root tip
- 3 = enamel-dentine fracture of the crown, root fracture
- 2 = crown-root fracture (directly restorable)
- 1 = crown-root fracture (not directly restorable)
- 0 = vertical root fracture, lost tooth

### **E = endodontium / pulp**

- 5 = intact pulp
- 4 = exposed dentine, small exposure of the pulp and/or doubtful vitality
- 3 = wide exposure of the pulp, intra-alveolar exposure of the pulp in root fractures, mechanical damage to the pulp at the apex; pre-existing adequate root canal filling
- 2 = infection of the pulp
- 1 = endodontic complication (external or internal root resorption)
- 0 = endo-perio lesion

### **P = periodontium**

- 5 = intact PDL
- 4 = concussion
- 3 = loosening, extrusion, lateral dislocation, avulsion with vital PDL
- 2 = intrusion, avulsion with critical PDL
- 1 = dislocation with marginal infection (marginal periodontitis)
- 0 = avulsion with necrotic PDL

### **A = alveolar bone**

- 5 = intact alveolar bone
- 4 = contusion of the alveolar bone (in most dislocation injuries)
- 3 = fracture of the buccal or palatal wall
- 2 = fracture of the alveolar process
- 1 = fracture with infection (time between accident and diagnosis > 24 hours)
- 0 = loss of alveolar bone

### **G = gingiva / oral mucosa**

- 5 = intact gingiva
- 4 = contusion
- 3 = rupture of one or both papillae
- 2 = additional vertical rupture of the gingiva
- 1 = laceration with infection
- 0 = loss of gingiva