

Supplementary Table A1: Detailed classification of Patient Safety Sub-Incidents in Dental Setting

Patient Safety Incidents	Count of Patient Safety Incidents	Patient Safety Sub-Incidents	Count of Patient Safety Sub-Incidents
Accidental damage	66	Accidental hard tissue damage	6
		Accidental restoration damage	3
		Accidental soft tissue damage	57
Adverse reactions	3	Adverse reactions due to dental materials	2
		Local adverse effects from local anesthesia	1
		Adverse Drug Reaction (ADR)	0
Blood transfusion	1	Blood transfusion safety	1
Communication error	53	Miscommunication of patient medical information	12
		Communication regarding radiology examinations or treatment is incorrect or incomplete.	36
		Communication for sending laboratory tests is incorrect or incomplete.	3
		Miscommunication with the dental laboratory or dental technician	2
Diagnostic error	3	Diagnostic error	3
Equipment -related incidents	53	Equipment failure	37
		Missing or broken instrument	16

Foreign body	46	Aspiration or ingestion of foreign body	24
		Displacement of Tooth / Tooth Fragments / Foreign Bodies into Adjacent Anatomical Zones	4
		Displacement of Tooth / Tooth Fragments / Foreign Bodies into Adjacent Anatomical Zones with oro-antral communication	0
		Retained foreign object/ tooth fragment	18
Infection control	44	Fail to adhere to aseptic techniques or standard precautions.	44
Laboratory error	36	Errors in Diagnostic Laboratories: Laboratory analysis results are incorrect, delayed, or unable to complete the analysis.	3
		Errors in Diagnostic Laboratories: Incorrect, inappropriate, or missing specimens	2
		Errors in Diagnostic Laboratories: Incorrect radiological examinations or report	27
		Errors in the dental laboratory procedure	4
Medical emergency	64	Medical emergencies (Sepsis, ACS, Stroke, Cardiac arrest, etc.)	64
Medical record error	176	Errors in Medical Records (Clerical Errors, Documents, etc.)	176
Medication error	17	Medication error-related Adverse Drug Event (ADE): High Alert Drug	0

		Medication error-related Adverse Drug Event (ADE): Preventable Adverse Drug Reactions	0
		Medication error-related Adverse Drug Event (ADE): Preventable Fatal Drug Interaction	0
		Irrational use of medicine	0
		Medication errors: Look-Alike, Sound-Alike Medication Names	1
		Medication errors: Prescribing	10
		Medication errors: Pre-dispensing	3
		Medication errors: Dispensing	3
		Medication errors: Administration	0
Operating room safety issue	4	Operating room safety issue	4
Patient assessment error	2	Improper patient assessment for diagnosis or treatment planning	2
Patient fall	7	Patient fall	7
Patient referral/transfer	9	An inappropriate patient referral or transfer is not caused by a communication problem.	9
Post-operative care error	4	Patients did not receive appropriate self-post-operative care information.	4
Post-operative complication	65	Excessive post-operative pain	2
		Osteitis	1

		Osteonecrosis	0
		Post-operative bleeding	19
		Post-operative infection	43
		Post-operative wound dehiscence	0
Pre-operative assessment error	24	Postponing elective surgery or other invasive procedure due to inadequate preparation or inappropriate preoperative assessment	24
Pre-procedure preparation error	5	Pre-procedure preparations were inappropriate but patient appointments were not postponed.	5
Procedure-related complication	13	Nerve injury	1
		Oro-antral communication-iatrogenic	0
		Oro-nasal communication-iatrogenic	0
		Perforation-iatrogenic	6
		Pulp exposure-iatrogenic	6
Reoperation/retreatment	7	Reoperation/ Retreatment due to improper previous treatment or to correct the complications	7
Triage error	15	Improperly triage procedures in the emergency room	15
Wrong device	2	Wrong prosthetic/implant/orthodontic braces	2
Wrong patient	6	Patient misidentification during the care process	5

		Surgery or other invasive procedure performed on the wrong patient	1
Wrong site	22	Wrong site (Surgery or other invasive procedure performed on the wrong body part)	22
Other	5	Other	5
Total	752	Total	752