Crisis: Disaster disrupts usual processes and the demand outweighs capacity

Patient Acuity Levels During a Disaster Surge: COVID-19

Patient acuity & Place of service	Type & Level of student requiring emergency permitting	Approx. student numbers	Types of patient	Educational needs Through simulation and/or distance learning	Scope of practice for students[2]	Supervision Licensed healthcare provider	Statutory & Regulatory changes needed	Clinical academic credit
General population screening and testing, call centers, family coordination	CNA interim certificate • CNA students after 50 hours of clinical	CNA: CDPH has last 30-day cycle CNA results for recent grad numbers. Approx. 1000 students	• COVID-19 as suspected or primary diagnosis without multiple uncontrolled co-morbidities	• COVID-19 • Isolation/ infection precautions • Respiratory care • Recognition of respiratory failure • Palliative care	CNA • Vital signs • Screening questions	• LVN (for LVNs, CNAs) • RN • Public Health Nurse • APP[3] • MD/DO	CNA HSC §1276.65 HSC §1337 to allow for interim certificate	Yes, for hours spent delivering care and for education per each academic institution's policy
	LVN interim permit • LVN students	LVN students[4] 7,032			LVN • Vital signs • Screening questions • Specimen collection		LVN BPC §2872.2 to expand interim permit to students	

[2] See the UCSF Health Workforce Center Recommendation for COVID-19 memo dated March 17, 2020 for fuller discussion of scope of practice. NOTE: need to add the following regulatory change for Physician Assistants: Allow PAs to practice without physician supervision.

[3] APP= Advanced Practice Provider - nurse practitioner (NP), clinical nurse specialist (CNS), certified registered nurse anesthetist (CRNA), certified nurse-midwife (CNM), physician assistant (PA).

[4] LVNs – BVNPT sunset report indicates approximately 7032 admissions in 2015-2016.

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Patient acuity & Place of service	Type & Level of student requiring emergency permitting	Approx. student numbers	Types of patient	Educational needs Through simulation and/or distance learning	Scope of practice for students[5]	Supervision Licensed healthcare provider	Statutory & Regulatory changes needed	Clinical academic credit
Low acuity Alternative care settings/ community health/	CNA interim certificate • CNA students after 50 hours of clinical	CNA: CDPH has last 30-day cycle CNA results for recent grad numbers. Approx. 1000 students	• Patients without multiple uncontrolled co-morbidities	• COVID-19 • Isolation/ infection precautions • Respiratory care • Recognition of respiratory failure • Palliative care	CNA students: • Safety, comfort, personal hygiene, and protection of patients	• LVN (for LVNs, CNAs) • RN • Public Health Nurse • APP[6] • MD/DO	CNA HSC §1276.65 HSC §1337 to allow for interim certificate	Yes, for hours spent delivering care and for education per each academic institution's policy
	LVN interim permit • LVN students	LVN students[7] 7,032			LVN students • Current LVN scope of practice		LVN BPC §2872.2 to expand interim permit to students	
	RN interim permit 1 • RN students who have completed at least their MedSurg I rotation	RN students[8] 20,363			RN students • Current scope of practice for RNs		RN BPC §2732.1 16 CCR 1414	

[5] See the UCSF Health Workforce Center Recommendation for COVID-19 memo dated March 17, 2020 for fuller discussion of scope of practice. NOTE: need to add the following regulatory change for Physician Assistants: Allow PAs to practice without physician supervision.

[6] APP= Advanced Practice Provider - nurse practitioner (NP), clinical nurse specialist (CNS), certified registered nurse anesthetist (CRNA), certified nurse-midwife (CNM), physician assistant (PA).

[7] LVNs – BVNPT sunset report indicates approximately 7032 admissions in 2015-2016.

[8] AD programs: 2019-2020 estimated new enrollments – 6,746. BSN programs: 2018-2019 new enrollments – 7,307; 2017-2018 new enrollments – 6,310.

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Patient acuity & Place of service	Type & Level of student requiring emergency permitting	approx. student numbers	Types of patient	Educational needs Through simulation and/or distance learning	Scope of practice for students[9]	Supervision Licensed healthcare provider	Statutory & Regulatory changes needed	Clinical academic credit
Moderate acuity Hospitals med/surg, telemetry, step-down	RN interim permit 2 • Senior RN students who have completed at least their MedSurg II health rotation and up to, but not including, graduation • RN interim permit 3: RN students who have graduated	RN students[10] 13,738	• Hospitalized patients without multiple uncontrolled co-morbidities	Low acuity education **and** • Sepsis • Management of respiratory failure	RN students • Current scope of practice for RNs	• RN (RN students only) • APP • MD/DO	RN BPC §2732.1 16 CCR 1414	Yes, for hours spent delivering care and for education per each academic institution's policy
	APP interim permit • APP students working with hospitalist teams	NP, CNS, CNM, CRNA 1,700 PAs 400			APP students • Scope of practice for APPs		APP No existing statute or regulation allows for interim permit	

[9] See the UCSF Health Workforce Center Recommendation for COVID-19 memo dated March 17, 2020 for fuller discussion of scope of practice. NOTE: need to add the following regulatory change for Physician Assistants: Allow PAs to practice without physician supervision.

[10] ADN programs: 2018-2019 new enrollments – 7,014. BSN programs: 2016-2017 new enrollments – 5,790. Entry Level Master's programs: 2019-2020 new enrollments – 934.

Crisis: Disaster disrupts usual processes and the demand outweighs capacity

Patient acuity & Place of service	Type & Level of student requiring emergency permitting	Approx. student numbers	Types of patient	Educational needs Through simulation and/or distance learning	Scope of practice for students[11]	Supervision Licensed healthcare provider	Statutory & Regulatory changes needed	Clinical academic credit
High acuity Hospitals – Critical Care	APP interim permit: • APP students with prior clinical experience working with acute and critical care or intensivist teams • APP students working with intensivist teams	NP, CNS, CNM, CRNA 1,700 PAs 400	• Hospitalized patients with multiple co-morbidities that require mgmt. • Critical care or step-down level care, not location-specific	Low and Moderate acuity education **and** • Principles of oxygenation and ventilation • Mechanical ventilation mgmt.	APP students: • Scope of practice for APPs	• APP • MD/DO	APP No existing statute or regulation allows for interim permit	Yes, for hours spent delivering care and for education per each academic institution's policy

[11] See the UCSF Health Workforce Center Recommendation for COVID-19 memo dated March 17, 2020 for fuller discussion of scope of practice. NOTE: need to add the following regulatory change for Physician Assistants: Allow PAs to practice without physician supervision.