

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 <ul style="list-style-type: none"> CNA students after 50 hours of clinical 	CNA: CDPH has last 30-day cycle CNA results for recent grad numbers. Approx. 1000 students	<ul style="list-style-type: none"> COVID-19 as suspected or primary diagnosis without multiple uncontrolled co-morbidities 	<ul style="list-style-type: none"> COVID-19 Isolation/infection precautions Respiratory care Recognition of respiratory failure Palliative care 	CNA <ul style="list-style-type: none"> Vital signs Screening questions 	<ul style="list-style-type: none"> LVN (for LVNs, CNAs) RN Public Health Nurse APP³ 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 <ul style="list-style-type: none"> LVN students 	LVN students ⁴ 7,032			LVN <ul style="list-style-type: none"> Vital signs Screening questions Specimen collection 			

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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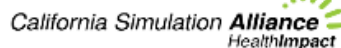
Patient acuity & Place of service	Type & Level of student requiring emergency permitting	Approx. student numbers	Types of patient	Educational needs Through simulation and/or distance learning	Scope of practice for students ⁵	Supervision Licensed healthcare provider	Statutory & Regulatory changes needed	Clinical academic credit
Low acuity Alternative care settings/ community health/	CNA interim certificate <ul style="list-style-type: none"> CNA students after 50 hours of clinical 	CNA: CDPH has last 30-day cycle CNA results for recent grad numbers. Approx. 1000 students	<ul style="list-style-type: none"> Patients without multiple uncontrolled co-morbidities 	<ul style="list-style-type: none"> COVID-19 Isolation/ infection precautions Respiratory care Recognition of respiratory failure Palliative care 	CNA students: <ul style="list-style-type: none"> Safety, comfort, personal hygiene, and protection of patients 	<ul style="list-style-type: none"> LVN (for LVNs, CNAs) RN Public Health Nurse APP⁶ 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 <ul style="list-style-type: none"> LVN students 	LVN students ⁷ 7,032			LVN students <ul style="list-style-type: none"> Current LVN scope of practice 		LVN BPC §2872.2 to expand interim permit to students	
	RN interim permit 1 <ul style="list-style-type: none"> RN students who have completed at least their MedSurg I rotation 	RN students ⁸ 20,363			RN students <ul style="list-style-type: none"> 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.

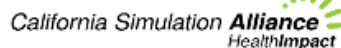


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Patient acuity & Place of service	Type & Level of student requiring emergency permitting	approx. student numbers	Types of patient	Educational needs Through simulation and/or distance learning	Scope of practice for students ⁹	Supervision Licensed healthcare provider	Statutory & Regulatory changes needed	Clinical academic credit
Moderate acuity Hospitals med/surg, telemetry, step-down	RN interim permit 2 <ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Hospitalized patients without multiple uncontrolled co-morbidities 	Low acuity education and <ul style="list-style-type: none"> Sepsis Management of respiratory failure 	RN students <ul style="list-style-type: none"> Current scope of practice for RNs 	<ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> APP students working with hospitalist teams 	NP, CNS, CNM, CRNA 1,700 PAs 400			APP students <ul style="list-style-type: none"> 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.



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High acuity Hospitals – Critical Care	APP interim permit: <ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> Principles of oxygenation and ventilation Mechanical ventilation mgmt. 	APP students: <ul style="list-style-type: none"> Scope of practice for APPs 	<ul style="list-style-type: none"> 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.