

Appendices

Appendix A. Practice Role

Country	<i>n</i>	Title for NP/APN	Title Protection	Types of Positions Evident There	Professional Role Issues Evident There	Skills Evident There
Australia	5	Nurse Practitioner, re: midwifery-generally non-nurse undergraduate degree though registered nurses can obtain Master of Midwifery Practice	Yes	<ul style="list-style-type: none"> *Physician's office *Independent nursing practice *Hospital based clinic *Community based clinic *Public health or ministry of health *Hospital *Home health care facility *Long term care facility *Specialty practice *Mental health *School health *Occupational or workplace health *Faculty position *Administration *Research 	<ul style="list-style-type: none"> *Maintains personal liability/indemnity/malpractice insurance *Carries their own caseload of clients/patients *Has the authority to prescribe medications *Has the authority to dispense/furnish medications *Has the authority to order diagnostic tests *Refers to other health care professionals *Seeks out consultation with other health professionals *Other professionals seek out consultations with the NP/APN *Receives direct payments for services for clients *Receives payment for serviced from other sources (i.e., National Health Service [NHS] or insurance companies) *Practices independently without physician supervision *Practice activities for these types of NP/APN actions varies by jurisdiction 	<ul style="list-style-type: none"> *Skin lesion removal/skin biopsy/superficial abscess incision and drainage/foreign body removal *Nail removal *Cerumen removal *Fluorescein stain to eye *Joint aspirations and injections *Therapeutic injections (such as for osteoporosis or rheumatoid arthritis) *Wound management *Surgical debridement *Splinting *Casting *Suturing *Pulmonary function tests and office spirometry *Pap tests *In-dwelling contraceptive management (IUDs) and/or long term hormonal implantation *Microscopy *12 lead ECG interpretation *X-ray interpretation *Midwifery *Critical care/emergency acts (intubation, chest tube insertion/removal, central line insertion) *Nerve blocks *Sedation for procedures
Botswana	2	Nurse Practitioner, Clinical Nurse Specialist, Community Health Nurse, Midwife	Yes	<ul style="list-style-type: none"> *Physician's office *Independent nursing practice *Hospital based clinic *Community based clinic *Public health or ministry of health *Hospital *Home health care facility *Long term care facility *Specialty practice *Mental health *School health *Occupational or workplace health *Faculty position *Administration *Research 	<ul style="list-style-type: none"> *Carries their own caseload of clients/patients *Has the authority to prescribe medications, *Has the authority to dispense/furnish medications *Has the authority to order diagnostic tests *Refers to other health care professionals *Seeks out consultation with other health professionals *Other professionals seek out consultations with the NP/APN *Receives direct payments for services for clients *Practices independently without physician supervision *Practice activities for these types of NP/APN 	<ul style="list-style-type: none"> *Skin lesion removal/skin biopsy/superficial abscess incision and drainage/foreign body removal *Cerumen removal *Wound management *Casting *Suturing *Pap tests *In-dwelling contraceptive management (IUDs) and/or long term hormonal implantation *12 lead ECG interpretation *X-ray interpretation *Midwifery *Critical care/emergency acts (intubation, chest tube insertion/removal, central line insertion) *Sedation for procedures

					actions varies by jurisdiction	
Canada	85	Nurse Practitioner, Clinical Nurse Specialist	Yes	<ul style="list-style-type: none"> *Physician's office *Independent nursing practice *Hospital based clinic *Community based clinic *Public health or ministry of health *Hospital *Home health care facility *Long term care facility *Specialty practice *Mental health *School health *Occupational or workplace health *Faculty position *Administration *Research 	<ul style="list-style-type: none"> *Maintains personal liability/indemnity/malpractice insurance *Carries their own caseload of clients/patients *Has the authority to prescribe medications *Has the authority to dispense/furnish medications *Has the authority to order diagnostic tests *Refers to other health care professionals *Seeks out consultation with other health professionals *Other professionals seek out consultations with the NP/APN *Receives direct payments for services for clients *Receives payment for serviced from other sources (i.e., National Health Service [NHS] or insurance companies) *Practices independently without physician supervision *Practice activities for these types of NP/APN actions varies by jurisdiction 	<ul style="list-style-type: none"> *Skin lesion removal/skin biopsy/superficial abscess incision and drainage/foreign body removal *Nail removal *Cerumen removal *Fluorescein stain to eye *Joint aspirations and injections *Therapeutic injections (such as for osteoporosis or rheumatoid arthritis) *Wound management *Surgical debridement *Splinting *Casting *Suturing *Pulmonary function tests and office spirometry *Pap tests *In-dwelling contraceptive management (IUDs) and/or long term hormonal implantation *Microscopy *12 lead ECG interpretation *X-ray interpretation *Midwifery *Critical care/emergency acts (intubation, chest tube insertion/removal, central line insertion) *Nerve blocks *Sedation for procedures
Chile	3	Advanced Practice Nurse, Master of Advanced Practice Nursing	No	<ul style="list-style-type: none"> *Hospital based clinic *Public health or ministry of health *Hospital *School health *Faculty position *Administration 	*No evidence	<ul style="list-style-type: none"> *Wound management *Midwifery
Ecuador (role not established outside US agencies)	1	Nurse Practitioner (where present in US agencies)	No	*Other (role present only in US agencies)	*Other (role present only in US agencies)	*Other (role present only in US agencies)
Finland	4	Nurse Practitioner, Clinical Nurse Specialist	No	<ul style="list-style-type: none"> *Physician's office *Independent nursing practice *Hospital based clinic *Community based clinic *Public health or ministry of health *Hospital *Home health care facility *Long term care facility *Specialty practice *Mental health *School health *Occupational or workplace health *Faculty position *Administration *Research 	<ul style="list-style-type: none"> *Carries their own caseload of clients/patients *Has the authority to prescribe medications *Has the authority to dispense/furnish medications *Refers to other health care professionals *Seeks out consultation with other health professionals *Other professionals seek out consultations with the NP/APN *Receives payment for serviced from other sources (i.e., National Health Service [NHS] or insurance companies) 	<ul style="list-style-type: none"> *Wound management *Splinting *Casting *Suturing *Pulmonary function tests and office spirometry *Pap tests *In-dwelling contraceptive management (IUDs) and/or long term hormonal implantation *12 lead ECG interpretation *Midwifery *Critical care/emergency acts (intubation, chest tube insertion/removal, central line insertion)

					*Practices independently without physician supervision *Practice activities for these types of NP/APN actions varies by jurisdiction	
France	4	Nurse in Advanced Practice (for NP and CNS)	Yes	*Physician's office *Hospital based clinic *Community based clinic *Hospital *Specialty practice *Research	*Carries their own caseload of clients/patients *Has the authority to prescribe medications *Has the authority to dispense/furnish medications *Has the authority to order diagnostic tests *Refers to other health care professionals *Seeks out consultation with other health professionals *Other professionals seek out consultations with the NP/APN *Receives direct payments for services for clients *Practice activities for these types of NP/APN actions varies by jurisdiction	*Therapeutic injections (such as for osteoporosis or rheumatoid arthritis) *Pulmonary function tests and office spirometry
Germany	3	Advanced Practice Nurse	No	*Hospital based clinic *Hospital *Specialty practice *Faculty position *Administration *Research	*Maintains personal liability/indemnity/malpractice insurance *Carries their own caseload of clients/patients *Seeks out consultation with other health professionals *Other professionals seek out consultations with the NP/APN	*Joint aspirations and injections *Wound management *Casting *Pulmonary function tests and office spirometry *12 lead ECG interpretation *X-ray interpretation *Midwifery *Critical care/emergency acts (intubation, chest tube insertion/removal, central line insertion)
Ghana	3	Nurse Practitioner	No	*Physician's office *Independent nursing practice *Hospital based clinic *Public health or ministry of health *Hospital *Mental health *Faculty position	*Has the authority to prescribe medications, *Has the authority to order diagnostic tests *Refers to other health care professionals *Seeks out consultation with other health professionals *Other professionals seek out consultations with the NP/APN *Receives payment for services from other sources (i.e., National Health Service [NHS] or insurance companies) *Practice activities for these types of NP/APN actions varies by jurisdiction,	*Skin lesion removal/skin biopsy/superficial abscess incision and drainage/foreign body removal *Wound management *Suturing *X-ray interpretation *Critical care/emergency acts (intubation, chest tube insertion/removal, central line insertion)
Hungary	1	Nurse in Advanced Practice	Yes	*Other (first graduates just finished so unclear)	*Other (first graduates just finished so unclear)	*Skin lesion removal/skin biopsy/superficial abscess incision and drainage/foreign body removal

						<ul style="list-style-type: none"> *Nail removal *Cerumen removal *Joint aspirations and injections *Wound management *Surgical debridement *Splinting *Casting *Suturing *Pulmonary function tests and office spirometry *Pap tests *12 lead ECG interpretation *X-ray interpretation *Critical care/emergency acts (intubation, chest tube insertion/removal, central line insertion) *Nerve blocks *Sedation for procedures
Israel	1	Expert Nurse	Yes	*Specialty practice	*No evidence	*Midwifery
Italy	1	No specific title	No	<ul style="list-style-type: none"> *Independent nursing practice *Hospital based clinic *Community based clinic *Long term care facility *Faculty position *Research 	<ul style="list-style-type: none"> *Maintains personal liability/indemnity/malpractice insurance *Refers to other health care professionals *Seeks out consultation with other health professionals *Other professionals seek out consultations with the NP/APN 	<ul style="list-style-type: none"> *Skin lesion removal/skin biopsy/superficial abscess incision and drainage/foreign body removal *Nail removal *Cerumen removal *Fluorescein stain to eye *Joint aspirations and injections *Wound management *Surgical debridement *Splinting *Casting *Suturing *Pulmonary function tests and office spirometry mmm=pap tests *12 lead ECG interpretation
Jamaica	1	Nurse Practitioner	Yes	<ul style="list-style-type: none"> *Public health or ministry of health *Hospital *Specialty practice *Mental health *Faculty position 	<ul style="list-style-type: none"> *Carries their own caseload of clients/patients *Has the authority to prescribe medications *Has the authority to order diagnostic tests *Refers to other health care professionals *Seeks out consultation with other health professionals *Other professionals seek out consultations with the NP/APN 	<ul style="list-style-type: none"> *Cerumen removal *Wound management *Pap tests *In-dwelling contraceptive management (IUDs) and/or long term hormonal implantation *X-ray interpretation *Midwifery
Kenya	2	Nurse Specialist	No	<ul style="list-style-type: none"> *Specialty practice *Faculty position *Administration *Research 	<ul style="list-style-type: none"> *Refers to other health care professionals *Seeks out consultation with other health professionals 	<ul style="list-style-type: none"> *Pap tests *In-dwelling contraceptive management (IUDs) and/or long term hormonal implantation *Midwifery *Sedation for procedures
Netherlands	39	Master in Advanced Nursing Practice, Nurse Specialist	Yes	<ul style="list-style-type: none"> *Physician's office *Independent nursing practice *Hospital based clinic *Community based clinic *Public health or ministry of health *Hospital 	<ul style="list-style-type: none"> *Maintains personal liability/indemnity/malpractice insurance *Carries their own caseload of clients/patients *Has the authority to prescribe medications *Has the authority to 	<ul style="list-style-type: none"> *Skin lesion removal/skin biopsy/superficial abscess incision and drainage/foreign body removal *Nail removal *Cerumen removal *Fluorescein stain to eye *Joint aspirations and injections

				<ul style="list-style-type: none"> *Home health care facility *Long term care facility *Specialty practice *Mental health *School health *Occupational or workplace health *Faculty position *Administration, *Research *Other (EMS, prehospital care) 	<ul style="list-style-type: none"> dispense/furnish medications *Has the authority to order diagnostic tests *Refers to other health care professionals *Seeks out consultation with other health professionals *Other professionals seek out consultations with the NP/APN *Receives direct payments for services for clients *Receives payment for serviced from other sources (i.e., National Health Service [NHS] or insurance companies) *Practices independently without physician supervision *Practice activities for these types of NP/APN actions varies by jurisdiction 	<ul style="list-style-type: none"> *Therapeutic injections (such as for osteoporosis or rheumatoid arthritis) *Wound management *Surgical debridement *Splinting *Casting *Suturing *Pulmonary function tests and office spirometry *Pap tests *In-dwelling contraceptive management (IUDs) and/or long term hormonal implantation *Microscopy *12 lead ECG interpretation *X-ray interpretation *Midwifery *Critical care/emergency acts (intubation, chest tube insertion/removal, central line insertion) *Nerve blocks *Sedation for procedures
New Zealand	4	Nurse Practitioner	Yes	<ul style="list-style-type: none"> *Physician's office *Independent nursing practice *Hospital based clinic *Community based clinic *Public health or ministry of health *Hospital *Home health care facility *Long term care facility *Specialty practice *Mental health *School health *Occupational or workplace health *Faculty position *Administration *Research 	<ul style="list-style-type: none"> *Maintains personal liability/indemnity/malpractice insurance *Carries their own caseload of clients/patients *Has the authority to prescribe medications *Has the authority to dispense/furnish medications *Has the authority to order diagnostic tests *Refers to other health care professionals *Seeks out consultation with other health professionals *Other professionals seek out consultations with the NP/APN *Receives direct payments for services for clients *Receives payment for serviced from other sources (i.e., National Health Service [NHS] or insurance companies) *Practices independently without physician supervision *Practice activities for these types of NP/APN actions varies by jurisdiction 	<ul style="list-style-type: none"> *Skin lesion removal/skin biopsy/superficial abscess incision and drainage/foreign body removal *Nail removal *Cerumen removal *Fluorescein stain to eye *Joint aspirations and injections *Therapeutic injections (such as for osteoporosis or rheumatoid arthritis) *Wound management *Surgical debridement *Splinting *Casting *Suturing *Pulmonary function tests and office spirometry *Pap tests *In-dwelling contraceptive management (IUDs) and/or long term hormonal implantation *12 lead ECG interpretation *X-ray interpretation *Critical care/emergency acts (intubation, chest tube insertion/removal, central line insertion) *Nerve blocks *Sedation for procedures
Portugal	3	Clinical Specialist, Specialist Nurse	Yes	<ul style="list-style-type: none"> *Physician's office *Independent nursing practice *Hospital based clinic *Community based clinic *Public health or 	<ul style="list-style-type: none"> *Refers to other health care professionals *Seeks out consultation with other health professionals *Other professionals seek out consultations 	<ul style="list-style-type: none"> *Skin lesion removal/skin biopsy/superficial abscess incision and drainage/foreign body removal *Cerumen removal *Wound management *Splinting

				<ul style="list-style-type: none"> ministry of health *Hospital *Home health care facility *Long term care facility *Specialty practice *Mental health *School health *Faculty position *Administration *Research 	<ul style="list-style-type: none"> with the NP/APN *Receives payment for serviced from other sources (i.e., National Health Service [NHS] or insurance companies) *Practices independently without physician supervision 	<ul style="list-style-type: none"> *Casting *Suturing *Pap tests *X-ray interpretation *Midwifery *Critical care/emergency acts (intubation, chest tube insertion/removal, central line insertion)
Republic of Ireland	5	<ul style="list-style-type: none"> Advanced Nurse Practitioner, Registered Advanced Nurse Practitioner, Registered Advanced Midwife Practitioner 	Yes	<ul style="list-style-type: none"> *Physician's office *Independent nursing practice *Hospital based clinic *Community based clinic *Public health or ministry of health *Hospital *Home health care facility *Long term care facility *Specialty practice *Mental health *Faculty position *Administration *Research 	<ul style="list-style-type: none"> *Maintains personal liability/indemnity/malpractice insurance *Carries their own caseload of clients/patients *Has the authority to prescribe medications *Has the authority to dispense/furnish medications *Has the authority to order diagnostic tests *Refers to other health care professionals, *Seeks out consultation with other health professionals *Other professionals seek out consultations with the NP/APN *Receives payment for serviced from other sources (i.e., National Health Service [NHS] or insurance companies) *Practices independently without physician supervision 	<ul style="list-style-type: none"> *Skin lesion removal/skin biopsy/superficial abscess incision and drainage/foreign body removal *Nail removal *Cerumen removal *Fluorescein stain to eye *Joint aspirations and injections *Therapeutic injections (such as for osteoporosis or rheumatoid arthritis) *Wound management *Surgical debridement *Splinting *Casting *Suturing *Pulmonary function tests and office spirometry *Pap tests *In-dwelling contraceptive management (IUDs) and/or long term hormonal implantation *12 lead ECG interpretation *X-ray interpretation *Midwifery *Critical care/emergency acts (intubation, chest tube insertion/removal, central line insertion) *Nerve blocks *Sedation for procedures
Singapore	3	<ul style="list-style-type: none"> Advanced Practice Nurse 	Yes	<ul style="list-style-type: none"> *Hospital based clinic *Community based clinic *Hospital *Home health care facility *Long term care facility *Specialty practice *Mental health *Faculty position *Administration 	<ul style="list-style-type: none"> *Carries their own caseload of clients/patients *Has the authority to prescribe medications *Has the authority to dispense/furnish medications *Has the authority to order diagnostic tests *Refers to other health care professionals *Seeks out consultation with other health professionals *Other professionals seek out consultations with the NP/APN *Receives direct payments for services for clients *Receives payment for serviced from other sources (i.e., National Health Service [NHS]) 	<ul style="list-style-type: none"> *Skin lesion removal/skin biopsy/superficial abscess incision and drainage/foreign body removal *Wound management *Surgical debridement *Splinting *Casting *Suturing *Pap tests *12 lead ECG interpretation *In-dwelling contraceptive management (IUDs) and/or long term hormonal implantation *X-ray interpretation *Critical care/emergency acts (intubation, chest tube insertion/removal, central line insertion)

					or insurance companies) *Practices independently without physician supervision *Practice activities for these types of NP/APN actions varies by jurisdiction	
Spain	10	Nurse in Advanced Practice, Nurse Case Manager, Expert Nurse, Specialist Nurse	No	*Physician's office *Independent nursing practice *Hospital based clinic *Community based clinic *Public health or ministry of health *Hospital *Home health care facility *Long term care facility *Specialty practice *Mental health *School health *Occupational or workplace health *Faculty position *Administration *Research	*Maintains personal liability/indemnity/malpractice insurance *Carries their own caseload of clients/patients, cc=has the authority to prescribe medications *Has the authority to dispense/furnish medications *Has the authority to order diagnostic tests *Refers to other health care professionals *Seeks out consultation with other health professionals *Other professionals seek out consultations with the NP/APN *Practices independently without physician supervision *Practice activities for these types of NP/APN actions varies by jurisdiction	*Skin lesion removal/skin biopsy/superficial abscess incision and drainage/foreign body removal *Nail removal *Cerumen removal *Fluorescein stain to eye *Joint aspirations and injections *Therapeutic injections (such as for osteoporosis or rheumatoid arthritis) *Wound management *Surgical debridement *Splinting *Casting *Suturing *Pulmonary function tests and office spirometry *Pap tests *In-dwelling contraceptive management (IUDs) and/or long term hormonal implantation *Microscopy *12 lead ECG interpretation *X-ray interpretation *Midwifery *Critical care/emergency acts (intubation, chest tube insertion/removal, central line insertion) *Nerve blocks *Sedation for procedures
Tanzania	1	No specific title	No	*Hospital based clinic *Public health or ministry of health *Hospital *Faculty position *Administration *Research	*Other professionals seek out consultations with the NP/APN	*No evidence
United Kingdom	41	Multiple	No	*Physician's office *Independent nursing practice *Hospital based clinic *Community based clinic *Public health or ministry of health *Hospital *Home health care facility *Long term care facility *Specialty practice *Mental health *School health *Occupational or workplace health *Faculty position *Administration *Research	*Maintains personal liability/indemnity/malpractice insurance *Carries their own caseload of clients/patients *Has the authority to prescribe medications *Has the authority to dispense/furnish medications *Has the authority to order diagnostic tests *Refers to other health care professionals *Seeks out consultation with other health professionals *Other professionals seek out consultations with the NP/APN	*Skin lesion removal/skin biopsy/superficial abscess incision and drainage/foreign body removal *Nail removal *Cerumen removal *Fluorescein stain to eye *Joint aspirations and injections *Therapeutic injections (such as for osteoporosis or rheumatoid arthritis) *Wound management *Surgical debridement *Splinting *Casting *Suturing *Pulmonary function tests and office spirometry *Pap tests *In-dwelling contraceptive

				*Other (transport services)	*Receives direct payments for services for clients *Receives payment for serviced from other sources (i.e., National Health Service [NHS] or insurance companies) *Practices independently without physician supervision *Practice activities for these types of NP/APN actions varies by jurisdiction	management (IUDs) and/or long term hormonal implantation *Microscopy *12 lead ECG interpretation *X-ray interpretation *Midwifery *Critical care/emergency acts (intubation, chest tube insertion/removal, central line insertion) *Nerve blocks *Sedation for procedures
United States	103	APRN (Nurse Practitioner, Clinical Nurse Specialist, Certified Nurse Midwife, Certified Registered Nurse Anesthetist)	Yes	*Physician's office *Independent nursing practice *Hospital based clinic *Community based clinic *Public health or ministry of health *Hospital *Home health care facility *Long term care facility *Specialty practice *Mental health *School health *Occupational or workplace health *Faculty position *Administration *Research	*Maintains personal liability/indemnity/malpractice insurance *Carries their own caseload of clients/patients *Has the authority to prescribe medications *Has the authority to dispense/furnish medications *Has the authority to order diagnostic tests *Refers to other health care professionals *Seeks out consultation with other health professionals *Other professionals seek out consultations with the NP/APN *Receives direct payments for services for clients *Receives payment for serviced from other sources (i.e., National Health Service [NHS] or insurance companies) *Practices independently without physician supervision *Practice activities for these types of NP/APN actions varies by jurisdiction	*Skin lesion removal/skin biopsy/superficial abscess incision and drainage/foreign body removal *Nail removal *Cerumen removal *Fluorescein stain to eye *Joint aspirations and injections *Therapeutic injections (such as for osteoporosis or rheumatoid arthritis) *Wound management *Surgical debridement *Splinting *Casting *Suturing *Pulmonary function tests and office spirometry *Pap tests *In-dwelling contraceptive management (IUDs) and/or long term hormonal implantation *Microscopy *12 lead ECG interpretation *X-ray interpretation *Midwifery *Critical care/emergency acts (intubation, chest tube insertion/removal, central line insertion) *Nerve blocks *Sedation for procedures

Low response countries in shaded gray

Appendix B. Practice Climate

Country	n	Factors That Facilitated NP/APN Development	Who Advocated	Who Opposed	Level of NP/APN Policy Making	Level of NP/APN Organization Development
Australia	5	*Need for health care providers for rural or underserved areas *Strong support for nursing practice *Consumer demand for increased access to health care	*Government *Nursing organizations within country *International organization *Individual nurses *Individual physicians *Consumers	*Physician organizations within country *Individual nurses *Individual physicians	*Local *National	*Local *National

Botswana	2	*Need for health care providers for rural or underserved areas *Strong support for nursing practice *Consumer demand for increased access to health care *Shortage of physicians	*Government organizations within country *Nursing organizations within country *Individual nurses *Consumers	*No evidence	*Local *National	*Local *National
Canada	85	*Need for health care providers for rural or underserved areas *Strong support for nursing practice *Consumer demand for increased access to health care *Shortage of physicians (one respondent cited physician shortage was in neonatal ICUs initially)	*Government organizations within country *Nursing organizations within country *Physician organizations within country *Nongovernmental/n onprofit institution within country *Private institution within country *International organization *Individual nurses *Individual physicians *Consumers	*Government organizations within country *Physician organizations within country *Nongovernmental/ nonprofit institution within country *Private institution within country *Individual nurses *Individual physicians *Consumers *Insurance companies *Other (pharmacists)	*Local *National	*Local *National
Chile	3	*Need for health care providers for rural or underserved areas *Strong support for nursing practice *Consumer demand for increased access to health care	*Nursing organizations within country *Private institution within country *University	*Physician organizations within country *Other (unawareness of role)	*No evidence	*National
Ecuador (role not established outside US agencies)	1	No evidence	*Other (one university interested)	*Government organizations within country *Nursing organizations within country *Physician organizations within country *Nongovernmental/ nonprofit institution within country *Individual nurses *Individual physicians *Insurance companies	No evidence	No evidence
Finland	4	*Need for health care providers for rural or underserved areas *Strong support for nursing practice *Consumer demand for increased access to health care	*Government organizations within country *Nursing organizations within country *Nongovernmental/ nonprofit institution within country *International organization *Individual nurses *Individual physicians *Other (educators, researchers)	*Physician organizations within country *Individual nurses *Individual physicians	*Local *National	*Local *National
France	4	*Need for health care providers for rural or underserved areas *Strong support for	*Government organizations within country *Nursing organizations within country *Physician	*Government organizations within country *Nursing organizations within country *Physician	No evidence	*Local

		nursing practice *Consumer demand for increased access to health care	organizations within country *Individual nurses *Individual physicians	organizations within country *Individual nurses *Individual physicians *Insurance companies		
Germany	3	*Need for health care providers for rural or underserved areas *Strong support for nursing practice	*Government organizations within country *Nursing organizations within country *Physician organizations within country *Other (specifically nursing administration in hospitals)	*Government organizations within country *Nursing organizations within country *Physician organizations within country *Nongovernmental/nonprofit institution within country *Individual nurses *Individual physicians *Insurance companies *Other (physician organizations favored PAs)	*Local *National	*Local *National
Ghana	3	*Need for health care providers for rural or underserved areas *Strong support for nursing practice *Consumer demand for increased access to health care	*Government organizations within country *Nursing organizations within country *Individual nurses *Consumers *Other (one university)	*Physician organizations within country *Individual physicians	*Local *National	*Local
Hungary	1	*Need for health care providers for rural or underserved areas *Strong support for nursing practice *Consumer demand for increased access to health care	*University	*Physician organizations within country	*Local *National	*No evidence
Israel	1	*No response	*No response	*No response	*No response	*No response
Italy	1	*Strong support for nursing practice	*International organization	*Government	*National	*Local *National
Jamaica	1	*Need for health care providers for rural or underserved areas *Consumer demand for increased access to health care	*Government organizations within country *Nursing organizations within country *International organization.	*Physician organizations within country	*Local	*Local *National
Kenya	2	*Other (to train more nurses in universities)	*Nursing organizations within country *Individual nurses	No evidence	*Local *National	*Local *National
Netherlands	39	*Need for health care providers for rural or underserved areas *Strong support for nursing practice *Consumer demand for increased access to health care *Shortage of physicians (one respondent cited physician shortage was in psychiatry) *Respondent cited	*Government organizations within country *Nursing organizations within country *Physician organizations within country *Nongovernmental/nonprofit institution within country *Private institution within country *International organization *Individual nurses	*Government organizations within country *Nursing organizations within country *Physician organizations within country *Nongovernmental/nonprofit institution within country *Individual nurses *Individual physicians *Consumers *Insurance companies *Other	*Local *National	*Local *National

		dialogue about providing right (high quality) care in the most (cost) efficient way, as well as patient needs moving from 'illness and cure' to 'health and behavior'	*Individual physicians *Insurance companies *University	(psychiatry/psychology)		
New Zealand	4	*Need for health care providers for rural or underserved areas *Strong support for nursing practice *Consumer demand for increased access to health care	*Government *Nursing organizations within country *International organization *Individual nurses *Individual physicians	*Physician organizations within country *Individual nurses *Individual physicians	*Local *National	*Local *National
Portugal	3	*Consumer demand for increased access to health care *University	*Nursing organizations within country *Individual nurses *Other (PhD researchers)	*Government *Physician organization within your country *Individual physicians	*No evidence	*Local *National
Republic of Ireland	5	*Need for health care providers for rural or underserved areas *Strong support for nursing practice *Consumer demand for increased access to health care *Other (One respondent cited commission to study nursing and developed pathway for APNs)	*Government *Nursing organizations within country *Physician organizations within country *Nongovernmental/nonprofit institution within country *Individual nurses *Individual physicians *Consumers	*Individual nurses *Individual physicians	*Local *National	*Local *National
Singapore	3	*Need for health care providers for rural or underserved areas *Strong support for nursing practice *Consumer demand for increased access to health care	*Government *Nursing organizations within country *Physician organization within your country *International organization *Individual nurses *Individual physicians *Consumers	*Individual nurses *Individual physicians	*Local *National	*Local *National
Spain	10	*Strong support for nursing practice *Consumer demand for increased access to health care	*Nursing organizations within country *Nongovernmental/nonprofit institution within country *Individual nurses *Individual physicians *Consumers	*Government *Nursing organizations within country *Physician organizations within country *Private institution within country *Individual nurses *Individual physicians *Insurance companies	*Local *National	*Local *National
Tanzania	1	*Strong support for nursing practice	*Government *Nursing organizations within country *Individual nurses	*No evidence	*Local *National	*No evidence

United Kingdom	41	<ul style="list-style-type: none"> *Need for health care providers for rural or underserved areas *Strong support for nursing practice *Consumer demand for increased access to health care *Other (reduced working hours of residents/junior doctors due to policy change) 	<ul style="list-style-type: none"> *Government organizations within country *Nursing organizations within country *Physician organizations within country *Nongovernmental/nonprofit institution within country *Private institution within country *International organization *Individual nurses *Individual physicians *Consumers *Insurance companies *Other (university) 	<ul style="list-style-type: none"> *Government organizations within country *Nursing organizations within country *Physician organizations within country *Private institution within country *Individual nurses *Individual physicians *Consumers 	<ul style="list-style-type: none"> *Local *National 	<ul style="list-style-type: none"> *Local *National
United States	103	<ul style="list-style-type: none"> *Need for health care providers for rural or underserved areas *Strong support for nursing practice *Consumer demand for increased access to health care *Other (reduced working hours of residents/junior doctors due to policy change) 	<ul style="list-style-type: none"> *Government organizations within country *Nursing organizations within country *Physician organizations within country *Nongovernmental/nonprofit institution within country *Private institution within country *International organization *Individual nurses *Individual physicians *Consumers *Insurance companies *Other (university) 	<ul style="list-style-type: none"> *Government organizations within country *Nursing organizations within country *Physician organizations within country *Nongovernmental/nonprofit institution within country *Private institution within country *International organization *Individual nurses *Individual physicians *Consumers *Insurance companies *Other (media) 	<ul style="list-style-type: none"> *Local *National 	<ul style="list-style-type: none"> *Local *National

Low response countries in shaded gray