

Appendix E

Survey of Chiropractic Practice

This questionnaire is part of a comprehensive study of chiropractic practice being conducted by the National Board of Chiropractic Examiners.

Please use a soft (No. 1 or No. 2) lead pencil. DO NOT use a ball-point pen, nylon-tip or felt-tip pen, fountain pen, marker, or colored pencil. Be careful to avoid making stray marks on the form.

Most questions have several alternative answers. Choose the answer that best applies to your practice and blacken the circle beside it. To change your answer, erase your first mark completely and then blacken the correct circle.

A few questions ask you to write in information. Print your answer in the space following the question. Be careful to print legibly in the space provided.

Your answers will be kept confidential. Your individual responses to the questions will not be released.

If your mailing address is different from the one on the envelope, please print your name and current mailing address in the space provided below.	 Would you like to receive a summary of the results of the study? Yes No
	 4. Are you currently in active full-time chiropractic practice? Yes No
. If you would like us to send a news release to	If you answered "No" to question 4, don't answer any further questions. Simply return the questionnaire in the postage-paid envelope. It's very important that you return the questionnaire. Please put it in the mail today.
your local newspaper recognizing your contribution to this study, please print the name and address of the newspaper below.	5. How many hours per week do you practice chiropractic?
	(Hours per week)
	6. The final report describing the study will include a list of individuals who responded to this survey. Would you like us to include your name in the list? Yes No
	whole or in part in any form whatsoever.

NATIONAL BOARD OF CHIROPRACTIC EXAMINERS 901 54th Avenue Greeley, Colorado 80634

DEMOGRAPHIC DATA

In this section you are asked to provide background information that will be summarized to describe the group that completed this questionnaire. No individual responses will be reported.

1.	Sex	5.	Institution that conferred Doctor of Chiropractic
	O Male		Degree:
	○ Female		 Anglo-European College of Chiropractic
			O Canadian Memorial Chiropractic College
2.	Ethnic Origin		O Cleveland Chiropractic College, Kansas City
	O American Indian		O Cleveland Chiropractic College, Los Angeles
	O Alaskan Native		O Institut Français de Chiropractie
	O Asian		O Life College, School of Chiropractic
	O Pacific Islander		Life Chiropractic College, West
	O Filipino		O Logan College of Chiropractic
	O Hispanic		O Los Angeles College of Chiropractic
	O Black (not Hispanic)		National College of Chiropractic
	White (not Hispanic)		
			New York Chiropractic College
	Other		O Northwestern College of Chiropractic
_			O Palmer College of Chiropractic
3.	Highest level of non-chiropractic education		Palmer College of Chiropractic, West
	attained:		O Parker College of Chiropractic
	O High School Diploma		O Pennsylvania College of Straight Chiropractic
	Associate Degree		O Phillip Institute of Technology,
	O Baccalaureate Degree		School of Chiropractic
	Master's Degree		O Sherman College of Straight Chiropractic
	O Doctoral Degree		O Southern California College of Chiropractic
	O Other		O Sydney College of Chiropractic
			O Texas Chiropractic College
4.	Post-graduate chiropractic specialty board		Western States Chiropractic College
	eligibility or certification:		Other
	O None/Does not apply		
	American Chiropractic Board of Sports		
	Physicians		
	American Board of Chiropractic Orthopedists		
	American Board of Chiropractic Orthopedists American Chiropractic Academy of Neurology		
	O American Chiropractic Board of Radiology		
	O Chiropractic Rehabilitation Association		
	American Chiropractic Board of Nutrition		
	American Board of Chiropractic Internists		
	O ICA College on Chiropractic Imaging		
	O ICA College of Thermography		
	O ICA Council on Applied Chiropractic Sciences		
	Other		

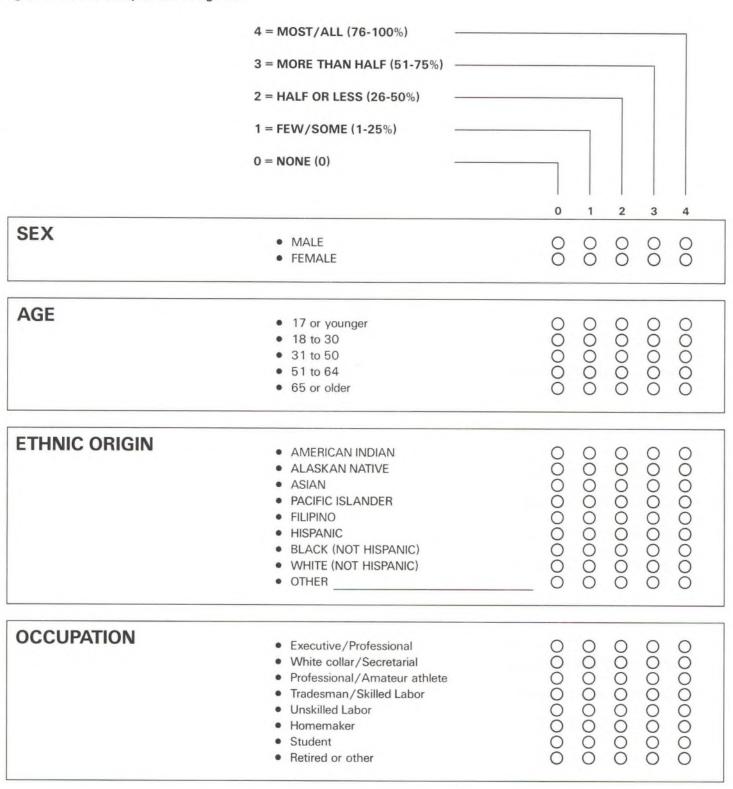
WORK ENVIRONMENT

4. Do you ever deliver chiropractic care outside an

	Which of the following best describes your position in the office where you work? O Individual practitioner/only doctor in office One of two or more doctors in office O Junior associate or examining doctor O Other	 4. Do you ever deliver chiropractic care outside an office setting, such as in a patient's home? Yes No No Do you have staff privileges at a medical or esteppathic hospital? 												
2.	Do you practice in more than one office location? ○ Yes ○ No	osteopathic hospital? ○ Yes ○ No												
3.	Do you delegate some of your patient care, such as case history taking, the taking or developing of X-rays, or the administration of therapy, to a chiropractic assistant? Yes No	6. Have you received patie or osteopathic physician O Yes No												
-	EXPERIENCE A	ND ORIENTATION												
1.	How long have you been practicing in the state in which you are currently located? O less than 2 years 2-4 years 5-15 years more than 15 years	 Approximately what pe spent on each of the fo typical week? 	_	-			a							
	which you are currently located? less than 2 years 2-4 years 5-15 years more than 15 years	spent on each of the fo typical week?	_	-			a							
	which you are currently located? less than 2 years 2-4 years 5-15 years more than 15 years How long have you been in practice altogether, including your current state and other states or countries? less than 2 years	spent on each of the fo typical week?	_	-			а							
	which you are currently located? less than 2 years 2-4 years 5-15 years more than 15 years How long have you been in practice altogether, including your current state and other states or countries?	spent on each of the fo typical week? 76-100% 51-75% 26-50%	_	-			а							
2.	which you are currently located? less than 2 years 2-4 years 5-15 years more than 15 years How long have you been in practice altogether, including your current state and other states or countries? less than 2 years 2-4 years 5-15 years more than 15 years more than 15 years	spent on each of the fo typical week? 76-100%———————————————————————————————————	_	-			a O							
2.	which you are currently located? less than 2 years 2-4 years 5-15 years more than 15 years How long have you been in practice altogether, including your current state and other states or countries? less than 2 years 2-4 years 5-15 years more than 15 years more than 15 years What kind of clinical orientation did you receive in your first field practice setting? No formal orientation	spent on each of the fo typical week? 76-100% 51-75% 26-50% 1-25% 0	_	-			a O O							
2.	which you are currently located? less than 2 years 2-4 years 5-15 years more than 15 years How long have you been in practice altogether, including your current state and other states or countries? less than 2 years 2-4 years 5-15 years more than 15 years more than 15 years what kind of clinical orientation did you receive in your first field practice setting?	spent on each of the fortypical week? 76-100% 51-75% 26-50% 1-25% 0 Business management	_	-			a O O O							

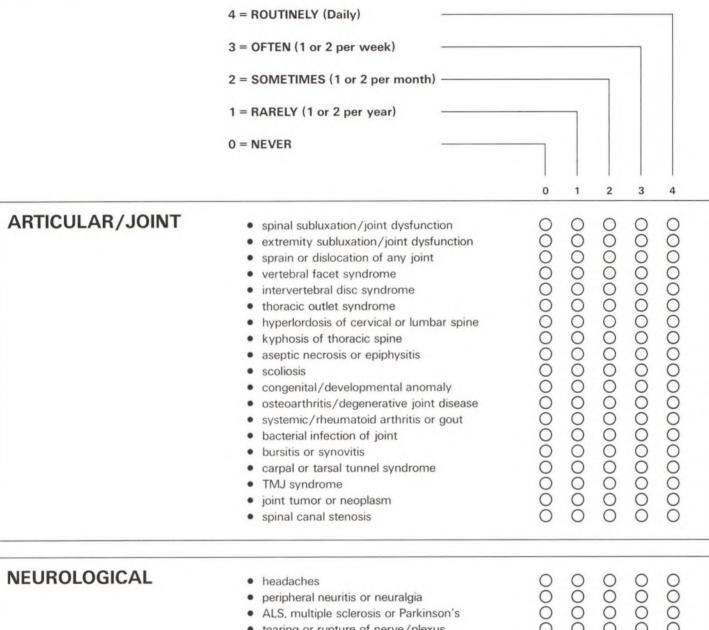
TYPES OF PATIENTS

For every 100 patients that you see in your practice, how many of these patients are from each of the following sex, age, ethnic, and occupational categories?



TYPES OF CONDITIONS

During the past two years in your practice, how often have you seen patients with the following presenting or concurrent conditions?



NEUROLOGICAL • headaches • peripheral neuritis or neuralgia • ALS, multiple sclerosis or Parkinson's • tearing or rupture of nerve/plexus • stroke or cerebrovascular condition • vertebrobasilar artery insufficiency • cranial nerve disorder • radiculitis or radiculopathy • loss of equilibrium • brain or spinal cord tumor

(During the past two years)

OVEL ETA I	4 = ROUTINELY (Daily) 3 = OFTEN (1 or 2 per week) 2 = SOMETIMES (1 or 2 per month) 1 = RARELY (1 or 2 per year) 0 = NEVER	0	1	2	3	4	
SKELETAL	 fracture osteoporosis/osteomalacia congenital/developmental anomaly endocrine or metabolic bone disorder bone tumor 	00000	00000	00000	00000	00000	
MUSCULAR	 muscular strain/tear tendinitis/tenosynovitis muscular dystrophy muscular atrophy muscle tumor 	00000	00000	00000	00000	00000	
CARDIOVASCULAR	 high or low blood pressure angina or myocardial infarction arterial aneurysm peripheral artery or vein disorder murmur or rhythm irregularity congenital anomaly 	000000	000000	000000	000000	000000	
RESPIRATORY	 viral or bacterial infection asthma, emphysema or COPD occupational or environmental disorder atelectasis or pneumothorax tumor of lung or respiratory passages 	00000	00000	00000	00000	00000	
INTEGUMENT	 acne, dermatitis or psoriasis bacterial or fungal infection herpes simplex or zoster pigment disorders skin cancer 	0000	00000	00000	00000	00000	

(During the past two years)

	4 = ROUTINELY (Daily) 3 = OFTEN (1 or 2 per week) 2 = SOMETIMES (1 or 2 per month) 1 = RARELY (1 or 2 per year) 0 = NEVER	0	1	2	3	4
GASTROINTESTINAL	 bacterial or viral infection appendicitis, cholecystitis or pancreatitis ulcer of stomach, intestine or colon hiatus or inguinal hernia colitis or diverticulitis hemorrhoids tumor of gastrointestinal tract 	0000000	0000000	0000000	0000000	0000000
RENAL/UROLOGICAL	 infection of kidney or urinary tract kidney stones chronic kidney disease or failure tumor of the kidney or bladder 	0000	0000	0000	0000	0000
MALE REPRODUCTIVE	 male infertility or impotency prostate disorder congenital anomaly tumor of reproductive system 	0000	0000	0000	0000	0000
FEMALE REPRODUCTIVE OR BREAST	 female infertility pregnancy menstrual disorder non-cancerous disorder of breast tumor of breast or reproductive system 	00000	00000	00000	00000	00000
HEMATOLOGICAL/ LYMPHATIC	 anemia immunological disorder hereditary disorder polycythemia cancer of the marrow or lymphatic system 	00000	00000	00000	00000	00000

(During the past two years) 4 = ROUTINELY (Daily) 3 = OFTEN (1 or 2 per week) 2 = SOMETIMES (1 or 2 per month) 1 = RARELY (1 or 2 per year) 0 = NEVER 2 0 3 4 ENDOCRINE/ 0000000 obesity 0000000 0000000 0000000 **METABOLIC** thyroid or parathyroid disorder adrenal disorder pituitary disorder thymus or pineal disorder diabetes endocrine tumor **CHILDHOOD** 000000 · upper respiratory or ear infection 000000 000000 DISORDERS measles/German measles mumps chickenpox whooping cough parasitic **VENEREAL** herpes II 00000 00000 00000 00000 gonorrhea chlamydia venereal warts syphilis **EENT** · eye or vision disorder 00000 00000 00000 00000 00000 ear or hearing disorder disorder of nose or sense of smell disorder of throat or larynx · tumor of eye, ear, nose or throat **MISCELLANEOUS** 00000 00000 allergies nutritional disorders eating disorders

psychological disorders AIDS-related complex

ACTIVITIES PERFORMED

INSTRUCTIONS: This section contains a list of activities that chiropractors may perform in their practices. Some of these activities may not apply to your practice. Please respond to the statements in terms of what you are <u>now</u> doing or have been doing over the **past two years** in your practice.

Using the rating scale

For each item in this inventory, you are asked to make two judgments using the FREQUENCY and RISK FACTOR rating scales presented below.

scales presented	below.
FREQUENCY:	How often do you perform the activity in a typical series of 100 patients or in a group of the type of patients specified?
	Never (does not apply to my practice)
	1 Rarely (1-25%)
	2 Sometimes (26-50%)
	3 Frequently (51-75%)

4 Routinely (76-100%)

RISK FACTOR:	In your opinion, what would be the risk factor to public health or patient safety of poor performance or omission of the activity by a chiropractor?
	0 No risk
	1 Little risk
	2 Some risk
	3 Significant risk
	4 Severe risk

	4 Routinely (76-100%)				4 Severe risk							
EXAMPLES			FRE	QUEN	ICY		RISK FACTOR					
EXAMPLES		0	1	2	3	4	0	1	2	3	4	
1.	Order or perform an electrocardiogram as part of an initial or routine physical examination.	•	0	0	0	0	0	•	0	0	0	
2.	Order an electrocardiogram or refer a patient with a suspected heart problem to a cardiologist.	0	0	0	0	•	0	0	0	0	•	
3.	Determine the appropriate placements of chest leads for an EKG.	•	0	0	0	0	•	0	0	0	0	
4.	Interpret an EKG tracing.	0	•	0	0	0	0	0	0	•	0	

0 No risk

1 Little risk

2 Some risk

3 Significant risk

0 Never (does not apply) 1 Rarely (1-25%)

2 Sometimes (26-50%)

3 Frequently (51-75%)

NOTE: You may perform a procedure rarely, but the risk factor may be significant if performed poorly or omitted.

Conversely, you may perform a procedure frequently, but omission of the activity may not necessarily present a significant risk to public health or patient safety.

These examples are hypothetical and are not intended to influence your rating of the procedures.

ACTIVITIES

Using the rating scale

For each item in this inventory, you are asked to make <u>two</u> judgments using the rating scales presented. In the column labeled "FREQUENCY," use the scale provided to indicate how often you perform the activity in a typical series of 100 patients or in a group of the type of patients specified. In the column labeled "RISK FACTOR," use the scale to provide your opinion of what would be the risk to public health or patient safety of poor performance or omission of the activity by a chiropractor.

		1 2 3	Never Rarely Some Freque Routin	(1-259 times (2 ently (5	%) 26-50% 1-75%))		2 Sc 3 Si	risk ttle risk ome risk gnificar evere ris	nt risk	
CA	ASE HISTORY		FRI	QUEN	ICY			RIS	K FAC	TOR	
0,	AOL THOTOTT	0	1	2	3	4	0	1	2	3	4
1.	Take an initial case history from a new patient.	0	0	0	0	0	0	0	0	0	0
2.	Identify the nature of a patient's condition using the information from the case history.	0	0	0	0	0	0	0	0	0	0
3.	Perform a focused case history in order to determine what additional examination procedures or tests may be needed.	0	0	0	0	0	0	0	0	0	0
4.	Take S.O.A.P. notes or case progress notes on subsequent patient visits.	0	0	0	0	0	0	0	0	0	0
5.	Determine the appropriate technique or case management procedure using the information from the S.O.A.P. notes or case progress notes.	0	0	0	0	0	0	0	0	0	0
6.	Update case history for a patient whose condition has changed or who presents with a new condition.	0	0	0	0	0	0	0	0	0	0
PH	IYSICAL EXAMINATION		FRI	QUEN	ICY			RIS	K FAC	TOR	
		0	1	2	3	4	0	1	2	3	4
7.	Perform a physical examination on a new patient.	0	0	0	0	0	0	0	0	0	0
8.	Assess the patient's general state of health using the information from the physical examination.	0	0	0	0	0	0	0	0	0	0
9.	Perform a regional physical examination to futher define the nature of the patient's presenting complaint, or to determine what, if any, further testing procedures may be indicated.	0	0	0	0	0	0	0	0	0	0
10.	Update certain physical examination procedures periodically or when patient's condition changes.	0	0	0	0	0	0	0	0	0	0

0 Never (does not apply)
1 Rarely (1-25%)
2 Sometimes (26-50%)
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4 Routinely (76-100%)

0 No risk 1 Little risk 2 Some risk 3 Significant risk 4 Severe risk

NMS EXAMINATION FREQUENCY					RISK FACTOR							
IMI	VIS EXAMINATION	0	1	2	3	4	0	1	2	3	4	
11.	Perform a general orthopedic and/or neurological examination on a new patient.	0	0	0	0	0	0	0	0	0	0	
12.	Perform a focused orthopedic and/or neurological examination based on the findings from the orthopedic and/or neurological survey.	0	0	0	0	0	0	0	0	0	0	
13.	Determine the nature of a patient's condition using information from the orthopedic and/or neurological examination.	0	0	0	0	0	0	0	0	0	0	
14.	Determine what additional laboratory, X-ray, special study, and/or referral may be indicated using information from the orthopedic and/or neurological examination.	0	0	0	0	0	0	0	0	0	0	
15.	Update appropriate orthopedic and/or neurological tests periodically or as patient's condition changes.	0	0	0	0	0	0	0	0	0	0	
Y.	RAY EXAMINATION		FRE	EQUEN	ICY			RISK FACTOR				
Λ-	NAT EXAMINATION	0	1	2	3	4	0	1	2	3	4	
16.	Perform an X-ray examination on new patients, and develop X-rays, either manually or with automatic processor.	0	0	0	0	0	0	0	0	0	0	
17.	Determine the presence of pathology, fracture, dislocations or other significant findings using information from an X-ray examination.	0	0	0	0	0	0	0	0	0	0	
18.	Determine areas of instability or dynamic joint dysfunction using information from a stress X-ray.	0	0	0	0	0	0	0	0	0	0	
19.	Determine the possible presence of a subluxation or a spinal listing using findings from an X-ray examination.	0	0	0	0	0	0	0	0	0	0	
20.	Update the X-ray examination or perform new X-rays on a patient whose condition has changed or who has a new condition.	0	0	0	0	0	0	0	0	0	0	
1 4	BORATORY AND SPECIAL STUDIES		FRE	EQUEN	ICY			RIS	K FAC	TOR		
		0	1	2	3	4	0	1	2	3	4	
21.	Draw blood, collect urine, or perform laboratory or other specialized procedures in your office.	0	0	0	0	0	0	0	0	0	0	
22.	Order laboratory tests from hospital or private laboratory.	0	0	0	0	0	0	0	0	0	0	
23.	Refer patients for MRI, CT scan, EKG or other specialized procedure.	0	0	0	0	0	0	0	0	0	0	
24.	Confirm a diagnosis or rule out health-threatening conditions using information from laboratory or specialized studies.	0	0	0	0	0	0	0	0	0	0	
25.	Augment history, examination or X-ray findings using information from laboratory or specialized studies.	0	0	0	0	0	0	0	0	0	0	

0 Never (does not apply)
1 Rarely (1-25%)
2 Sometimes (26-50%)
3 Frequently (51-75%)
4 Routinely (76-100%)

0 No risk 1 Little risk 2 Some risk 3 Significant risk 4 Severe risk

DIAGNOSIS			FREQUENCY						RISK FACTOR				
DIA	GNUSIS	0	1	2	3	4	0	1	2	3	4		
26.	Relate problems identified in the history and examination findings to a pathologic, pathophysiologic, or psychopathologic process.	0	0	0	0	0	0	0	0	0	0		
27.	Distinguish between life- or health-threatening conditions and less urgent conditions using information from the history and examination findings.	0	0	0	0	0	0	0	0	0	0		
28.	Predict the effectiveness of chiropractic care for the individual patient using information from the history and examination findings.	0	0	0	0	0	0	0	0	0	0		
29.	Refer patients to other health care practitioners based on information from the history and examination findings.	0	0	0	0	0	0	0	0	0	0		
30.	Arrive at a diagnosis or clinical impression on the basis of history and examination findings.	0	0	0	0	0	0	0	0	0	0		
СП	IROPRACTIC TECHNIQUE		FRE	QUEN	ICY			RIS	K FAC	TOR			
СП	INOPRACTIC TECHNIQUE	0	1	2	3	4	0	1	2	3	4		
31.	Perform specific chiropractic examination procedures on patients with spinal or extra-spinal joint conditions.	0	0	0	0	0	0	0	0	0	0		
32.	Utilize instruments unique to chiropractic or primarily in the chiropractic domain as part of the patient examination.	0	0	0	0	0	0	0	0	0	0		
33.	Determine the appropriate chiropractic case management or technique using information from a chiropractic examination.	0	0	0	0	0	0	0	0	0	0		
34.	Perform chiropractic adjustive techniques.	0	0	0	0	0	0	0	0	0	0		
35.	Update chiropractic examination procedures on subsequent visits to determine appropriate use of technique or case management.	0	0	0	0	0	0	0	0	0	0		
SUI	PPORTIVE TECHNIQUE		FRE	QUEN	ICY			RIS	K FAC	TOR			
		0	1	2	3	4	0	1	2	3	4		
36.	Evaluate the patient's condition to determine if procedures other than adjustive techniques may be indicated.	0	0	0	0	0	0	0	0	0	0		
37.	Determine indications or contraindications for the use of a supportive technique.	0	0	0	0	0	0	0	0	0	0		
38.	Perform treatment procedures other than adjustive techniques in the management of patient care.	0	0	0	0	0	0	0	0	0	0		
39.	Refer patients to a physical therapist, massage therapist, nutritionist or other health care practitioner based on patient's condition.	0	0	0	0	0	0	0	0	0	0		
40.	Monitor the effectiveness of non-adjustive techniques or therapeutic procedures		0	0	0	0	0	0	\circ	\circ	0		

- 0 Never (does not apply)
 1 Rarely (1-25%)
 2 Sometimes (26-50%)
 3 Frequently (51-75%)
 4 Routinely (76-100%)

- 0 No risk 1 Little risk 2 Some risk 3 Significant risk 4 Severe risk

CASE MANAGEMENT			QUEN	ICY		RISK FACTOR						
CASE IVIAINAGEIVIENT	0	1	2	3	4	0	1	2	3	4		
 Discuss alternative courses of action with patient based on assessment of patient's condition. 	0	0	0	0	0	0	0	0	0	0		
42. Recommend and/or arrange for services of other health professionals when patient's condition warrants.	0	0	0	0	0	0	0	0	0	0		
 Modify or revise case management as patient's condition improves or fails to improve. 	0	0	0	0	0	0	0	0	0	0		
 Encourage patient to make appropriate changes in habits or lifestyle that will result in prevention of reoccurrences or improvement of health. 	0	0	0	0	0	0	0	0	0	0		
45. Maintain written record of problem(s), goals, intervention strategies, and case progress.	0	0	0	0	0	0	0	0	0	0		
OTHER ESSENTIAL ACTION of the second of the	ur pra	ctice	which				essent	tial to	the			

TREATMENT PROCEDURES

	ite wheth	her or not you have used the following adjustive techniques in your practice during the past two years.
YES	NO	ADJUSTIVE TECHNIQUE
0	0	Activator
0	0	Applied kinesiology
0	0	Barge
0	0	Cox/Flexion-Distraction
0	0	Cranial
0	0	Diversified
0	0	Gonstead
0	0	Grostic
0	0	Life upper cervical
0	0	Logan Basic
0	0	Meric
0	0	NIMMO/Tonus receptor
0	0	NUCCA
0	0	Palmer upper cervical/HIO
0	0	Pettibon
0	0	Pierce-Stillwagon
0	0	SOT
0	0	Thompson
0	0	Toftness
_		Others

Please indicate whether or not you have used the following non-adjustive supportive techniques in your practice during the past two years.

YES	NO	NON-ADJUSTIVE TECHNIQUE
000000000000000000000000000000000000000	000000000000000000000000000000000000000	Acupressure or meridian therapy Acupuncture Biofeedback Bedrest Bracing with lumbar support, cervical collar, etc. Casting or athletic taping/strapping Corrective or therapeutic exercise Diathermy - shortwave or microwave Direct current, electrodiagnosis or iontophoresis Electrical stimulation - TENS, high-volt, low-volt, EMS Foot orthotics or heel lifts Homeopathic remedies Hot pack/moist heat Ice pack/cryotherapy Infrared - baker, heat lamp or hot pad Interferential current Massage therapy Nutritional counseling, therapy or supplements Paraffin bath Traction Ultrasound Ultraviolet therapy Vibratory therapy Whirlpool or hydrotherapy Other