



**OZONE PRACTICE
CERTIFICATION
TRAINING
PROGRAM**

STANDARDS FOR OZONE PRACTICE CERTIFICATION TRAINING PROGRAM

1. NAME OF TRAINING

Ozone Practice Certificated Training Program

2. AIM OF TRAINING

The purpose of this training program is to qualify medical doctors and dentists from related fields that will practice ozone to fulfill these practices in an effective and prolific way.

3. LEGAL BASIS FOR TRAINING

The following legislation is taken as a basis for the implementation of this training program.

1. Regulation on Certification Training of the Ministry of Health published in the Official Gazette dated February 4, 2014 and numbered 28903.
2. Regulation on Private Health Institutions Practicing Ozone Treatment and Practice of This Treatment
3. Regulation on Traditional and Complementary Medicine Practices published in the Official Gazette dated October 27, 2014 and numbered 29158.

4. DEFINITIONS

Ozone Practice: It is the method that ozone-oxygen mixture is practised locally or sistemically.

Practice Center: It is the center that is founded within training and research hospitals, faculty of medicine or faculty of dentistry health practices and research center and can provide training

under the responsibility of medical doctors and dentists with certification in related field if the center is authorized by Ministry.

Distant Training: It is the training system in which trainers and trainees are located in different time and place and the transmission of training contents and interaction are realized by utilizing ICT.

Asynchronous Training: These are asynchronous training and education activities, which are realized in different time and places.

Synchronous Training: These are training and education activities which occur synchronously.

5. PROCEDURES AND PRINCIPLES TO IMPLEMENT THIS TRAINING PROGRAM

The training program shall be implemented based on the procedures and principles listed below.

1. The training program shall be implemented based on the procedures and principles listed below.
2. The training program shall be carried out both in theory and in practice. Theoretical training can be provided as face to face or distance learning (Maximum 80%)
3. It shall be ensured, in distance learning, that the participants have synchronous and asynchronous access to interactive practices on-line through the infrastructure provided by the server.

4. Physician participants need to undertake at least 30 (thirty) cases during the training. At least 10 (ten) of those shall be major case. Dentist participants need to undertake at least 7 (seven) cases.
5. The contents of the courses shall be designated in the beginning of the training program; the trainees shall be given references or provided with lecture notes.
6. Theoretical and practical courses shall last for 8 (eight) hours a day at most. The period of a course shall be 45 (forty-five) minutes.
7. A maximum of 22 (twenty-two) participants can be accepted for the distance learning and at most 12 (twelve) participants for face to face training in one training period/term except for 2 (two) participant who will be assigned by the Ministry.
8. The participant to be assigned by the Ministry will be a Physician or a Dentist who does not have any Public Service Liability and whose training in this program is of importance for his/her services in the institution she/he works. This participant will not pay any training fee. The participants cannot be made work in any other field/unit/center or in any other job position during the training program.
9. Continuous attendance is essential for the training, and the practical training requires compulsory attendance. The participants who cannot attend 10% of the practical training at most due to a legal excuse shall

not be allowed to take the certification exam unless they complete the hours they miss. A maximum of 10% absence can be accepted for the theoretical training due to a legal excuse.

10. The following teaching and learning strategies, methods and techniques shall be applied in the training program:
 - Verbal lecture method
 - Small group discussion
 - Demonstrative teaching
 - Attendant scientific activity
 - Question and answer method
 - Simulation method
 - Video-based teaching method
 - Clinical practice (Case review activities)
11. Practical training is performed in application centers or units on an individual basis or as groups, Ozon practices consist of monitoring, performance under observation and self-reliant performance phases.

6. PARTICIPANTS AND THEIR QUALIFICATIONS

Physicians and/or dentists, for practicing in their own field, can participate into this certificated training program.

7. TRAINING CURRICULUM

7.1. Learning Objectives

Subjects within the training program, training targets and duration allocated for every subject are displayed below-mentioned Table 1 and 2.

Table 1: Subjects within Ozone Practice Certificated Training Curriculum for Physicians and Duration for every subject

SUBJECTS	TRAINING TARGETS Participants successfully completing this training:	Duration (Hours)		
		T	P	Total
MODULE 1- INTRODUCTION TO OZONE PRACTICE		8	4	12
1. Historical background of ozone practice	<ol style="list-style-type: none"> 1. Explain the utilization process of ozone practice in a chronological way. 2. Count products and devices used in the process shortly. 3. Explain practice methods and scientific activities on this field. 		1	1
2. Ozone gas <ul style="list-style-type: none"> • Physical and chemical characteristics and side effects of ozone gas • Relation among ozone gas, genetics and epigenetics • Ozone-oxygen transformation process • Transportation of oxygen among hemoglobin, tissue and cells • Ozone Practice and free radical formation (ROT-LOP) • Ozone Practice and anti-oxidant defense systems • Physiological effects of hydrogen peroxide. • Physiological effects of reactive oxygen derivatives • Physiological effects of lipid peroxidation products • Assessment of antioxidative capacity 	<ol style="list-style-type: none"> 1. Express physical and chemical characteristics of ozone molecule 2. Count side effects of ozone gas. 3. Express physical, chemical, genetic and epigenetic effects of ozone gas on natural life and humans. 4. Know about ozone-oxygen transformation process. 5. Physiological mechanisms in oxygen transportation to cell and tissues. 6. Express free radical formation during ozone-oxygen metabolism 7. Lecture on antioxidant systems which are the defense system of body. 8. Count physiological characteristics of hydrogen peroxide. 9. Express physiological effects of reactive oxygen derivatives. 10. Physiological effects of lipid peroxidation products on cell and tissues. 11. Lectures on indicators and methods for assessing oxydative and antioxydative capacity and proper practice dosage for this. 		6	6

Table 1: Subjects within Ozone Practice Certificated Training Curriculum for Physicians and Duration for every subject

SUBJECTS	TRAINING TARGETS Participants successfully completing this training: Theoretical	Duration (Hours)		
		Practice	Total	
<p>3. Ozone gas production and preparation of ozone-including products</p> <ul style="list-style-type: none"> • Ozone generators and ozone production • Controlling ozone concentration • Dissolution of ozone in water, preparation of ozone-including water and oil 	<ol style="list-style-type: none"> 1. Express production mechanisms of ozone gas 2. Know how to control ozone concentration 3. Explain the dissolution of ozone in water 4. Explain how to prepare ozone-including water and oil. 	1	4	5
MODULE 2: OZONE PRACTICE PROCESS		15	12	27
<ol style="list-style-type: none"> 1. <ul style="list-style-type: none"> • Action mechanism and physiological basics of ozone practice • Its cell and tissue-level mechanical and physiological effects • Its physiological effects on erythrocyte and leucocyte • Its physiological effects on endothelium, bone marrow and other tissues • Its physiological effects on platelet and growth factors • Its effects on inflammation and repairment process 	<ol style="list-style-type: none"> 1. Explain action mechanism and physiological basics of ozone practice Explain cell and tissue-level mechanical and physiological effects of ozone molecule 2. Explain physiological effects of ozone practice on erythrocyte and leucocyte 3. Explain physiological effects of ozone practice on endothelium, bone marrow cells and other tissues. 4. Explain physiological effects of ozone practice on platelet and growth factors 5. Explain physiological effects of ozone practice on inflammation and repairment process 	6	6	

Table 1: Subjects within Ozone Practice Certificated Training Curriculum for Physicians and Duration for every subject

SUBJECTS	TRAINING TARGETS Participants successfully completing this training: Theoretical	Duration (Hours)	
		Practice	Total
<ul style="list-style-type: none"> • Its effects on pain response • Its physiological effects on systems • Role of growth factors on practices • Action mechanism and physiological basics of local ozone practice 	<ol style="list-style-type: none"> 6. Explain the effects of ozone practice on pain response. 7. Explain physiological effects of ozone practice on systems. 8. Explain the effectiveness of growth factors occurring during ozone practice on the case. 9. Explain action mechanism and physiological basics of local ozone practice 	6	6
<p>2. Ozone practice methods</p> <ul style="list-style-type: none"> • Major Ozone Practice • Minor Practice • Bagging • Local Practice • Rectal Practice 	<ol style="list-style-type: none"> 1. Explains basic principles of ozone practice methods. 2. Explains how to apply major, minor and local ozone practices. 3. Performs major, minor and local ozone practices in a proper way. 4. Explains how to perform bagging process during ephitelizing. 5. Explains how to perform local ozone practices in musculoskeletal disorders. 6. Describes urogenital system practices. 	4	12 16

Table 1: Subjects within Ozone Practice Certificated Training Curriculum for Physicians and Duration for every subject

SUBJECTS	TRAINING TARGETS Participants successfully completing this training: Theoretical	Duration (Hours)	
		Practice	Total
<p>3. Relation between dosage range and toxicity in ozone practices</p> <ul style="list-style-type: none"> • Mutagenic effect of ozone • Ozone practice within conventional practice process • Effect of long term ozone practice on systemic disorders and cancer practices • Chronic oxidative stress and adaptation mechanisms • Antioxidant supplementary products in ozone practices • Management of ozone practice 	<ol style="list-style-type: none"> 1. Explain ozone gas dosage range in clinical practices. 2. Explain possible side effects and necessary precautions for overdose. 3. Explain mutagenic effect of ozone. 4. Perform coordination activities with practice manager specialist in conventional practice process. 5. Explain the effects of long term ozone practice on systems. 6. Explain ozone-tumor relationship 7. Explain chronic oxidative stress and adaptation mechanisms. 8. Classify antioxidant supplementary products 9. Explain management issues in ozone practice 	4	4
<p>4. Conditions in which ozone cannot be practised</p>	<ol style="list-style-type: none"> 1. Explain the effect of ozone on human health and on what conditions ozone cannot be practised. 	1	1

Table 1: Subjects within Ozone Practice Certificated Training Curriculum for Physicians and Duration for every subject

SUBJECTS	TRAINING TARGETS Participants successfully completing this training: Theoretical	Duration (Hours)		
		Practice	Total	
MODULE 3: OZONE PRACTICE FIELDS		E	54	76
1. Introduction to Ozone Practices	<ol style="list-style-type: none"> Counts the fields of practice of ozone practice within unit and practice centers, according to traditional and complementary medicine. Explains the disorders with ongoing research with fields of practice and how ozone practice can be fruitful with which effects for these disorders. Discuss on what level of evidence ozone practice can be performed. 	1		1
2. Musculoskeletal injuries <ul style="list-style-type: none"> Etiology and physiopathogenesis of muscle, joint and ligament injuries Action mechanism of ozone gas Ozone practice method, dosage range, frequency and duration Assessment process of practice 	<ol style="list-style-type: none"> Describe the etiology and physiopathogenesis of muscle, joint and ligament injuries Explain how to perform ozone practice in the treatment of muscle, joint and ligament injuries Explain action mechanism of ozone practice on cell and tissues. Explain proper ozone practice method, dosage range, frequency and duration for the treatment of muscle, joint and ligament injuries Know of side effects stemming from ozone gase and practice and necessary precautions and effective management of practice. Explain the sssessment process of ozone practice 	5	14	19

Table 1: Subjects within Ozone Practice Certificated Training Curriculum for Physicians and Duration for every subject

SUBJECTS	TRAINING TARGETS Participants successfully completing this training:	Theoretical	Practice	Total
3. Neuropathic pain <ul style="list-style-type: none"> Etiology and physiopathogenesis of neuropathic pain Action mechanism of ozone gas Ozone practice method, dosage range, frequency and duration Assessment process of practice 	<ol style="list-style-type: none"> Describe the etiology and physiopathogenesis of neuropathic pain Explain action mechanism of ozone practice. Explain proper ozone practice method, dosage range, frequency and duration for neuropathic pain. Explain side effects stemming from ozone gase and practice and necessary precautions and effective management of practice Explain the sssessment process of ozone practice. 	5	12	17
4. Vertebra disc pathologies* <ul style="list-style-type: none"> Anatomical and biomechanical characteristics of vertebra Etiology and physiopathogenesis of vertebral disc disorders Action mechanism of ozone gas Ozone practice method, dosage range, frequency and duration Assessment process of practice 	<ol style="list-style-type: none"> Describe anatomical and biomechanical characteristics of vertebra. Describe etiology and physiopathogenesis of vertebral disc disorders Explain action mechanism of ozone gas in vertebral disc disorders Explain proper ozone practice method, dosage range, frequency and duration for the treatment of vertebral disc disorders Know of side effects stemming from ozone gase and practice and necessary precautions and effective management of practice. Explain the sssessment process of ozone practice. 	5	12	17

** Practice can only be performed by specialists from related field*

Table 1: Subjects within Ozone Practice Certificated Training Curriculum for Physicians and Duration for every subject

SUBJECTS	TRAINING TARGETS Participants successfully completing this training:	Theoretical	Practice	Total
<p>5. Extremity injuries with critical ischemia with no chance of re-vascularization;</p> <ul style="list-style-type: none"> Etiology and physiopathogenesis Action mechanism of ozone gas Ozone practice method, dosage range, frequency and duration Assessment process of practice 	<ol style="list-style-type: none"> Describe etiology and physiopathogenesis of extremity injuries with critical ischemia Explain the action mechanism of ozone at cellular and tissue levels in extremity injuries with critical ischemia Explain proper ozone practice method, dosage range, frequency and duration for the treatment of extremity injuries with critical ischemia Know of side effects stemming from ozone gase and practice and necessary precautions and effective management of practice. Explain the sssessment process of ozone practice. 	2	4	6
<p>6. Infected diabetic wound;</p> <ul style="list-style-type: none"> Anatomy and physiology of skin Wound recovery process Preparation of wound bed Wound care and diabetic foot Wound infections Wound exudate and exudate management 	<p>Explain the Anatomy and physiology of skin.</p> <p>Explain wound recovery process</p> <p>Explain the process of wound bed preparation</p> <p>Explain the terms of Wound care and diabetic foot</p> <p>Know about Wound exudate and exudate management</p> <p>Explain the term of pressure sore</p>	4	12	16

Table 1: Subjects within Ozone Practice Certificated Training Curriculum for Physicians and Duration for every subject

SUBJECTS	TRAINING TARGETS Participants successfully completing this training:	Theoretical	Practice	Total
<ul style="list-style-type: none"> Revascularization for chronic wounds Prevention of pressure sore and related strategies Physical subsidiary practice methods Diabetic foot physiopathology Prevention and hygiene for diabetic foot Yara bakım ürünleri ve seçimi Wound care products and their selection 	<p>Count the prevention strategies for pressure sore</p> <p>Explain Physical subsidiary practice methods for wound recovery.</p> <p>Explain diabetic foot physiopathology</p> <p>Explain prevention methods and hygiene in diabetic wound recovery.</p> <p>Explain wound care products and how to select them</p>	4	12	16
MODULE 4: RESEARCH FIELDS OF OZONE PRACTICE		5	5	
<p>1. Pathologies with ongoing evidence level research</p> <ul style="list-style-type: none"> Infectious diseases Otoimmune diseases Neurodegenerative diseases Inflammatory bowel diseases Ischemic diseases Dermatological diseases Respiratory system diseases Circulatory system diseases Metabolic diseases Hematologic diseases Cancer pain Nosocomial infections Cosmetic use 	<p>1. Discuss the notion of evidence based medicine and how evidence levels are assessed.</p> <p>2. Explain medical doctor's ethical responsibilities within practices</p> <p>3. Describe the classification, etiology and basic physiopathology of research-level diseases</p> <p>4. Explain the action mechanism of ozone on these diseases at cellular and tissue levels.</p> <p>5. Explain ozone practice method, dosage range, frequency and duration for the treatment of these diseases.</p>	4		4

Table 1: Subjects within Ozone Practice Certificated Training Curriculum for Physicians and Duration for every subject

SUBJECTS	TRAINING TARGETS Participants successfully completing this training:	Theoretical	Practice	Total
	7. Discuss the evidence level related to ozone practice in these investigational diseases			
2. Legal status in the country, getting patient consent form	Know that performing ozone practice apart from the situations mentioned in the regulation is a crime and getting patient consent form before practice is a legal obligation in terms of legal legislation.	1	1	

Table 2: Subjects within Ozone Practice Certificated Training Curriculum for Dentists and Duration for every subject

SUBJECTS	TRAINING TARGETS Participants successfully completing this training:	Theoretical	Practice	Total
1. Historical background of ozone practice	2. Explain the utilization process of ozone practice in a chronological way.			
	3. Count products and devices used in the process shortly.	1	1	
	4. Explain practice methods and scientific activities on this field.			

Table 2: Subjects within Ozone Practice Certificated Training Curriculum for Dentists and Duration for every subject

SUBJECTS	TRAINING TARGETS Participants successfully completing this training:	Theoretical	Practice	Total
<p>2. Ozone gas</p> <ul style="list-style-type: none"> • Physical and chemical characteristics and side effects of ozone gas • Relation among ozone gas, genetics and epigenetics • Ozone-oxygen transformation process • Transportation of oxygen among hemoglobin, tissue and cells • Ozone Practice and free radical formation (ROT-LOP) • Ozone Practice and antioxidant defense systems • Physiological effects of hydrogen peroxide. • Physiological effects of reactive oxygen derivatives • Physiological effects of lipid peroxidation products • Assessment of antioxidative capacity 	<ol style="list-style-type: none"> 1. Express physical and chemical characteristics of ozone molecule. 2. Count side effects of ozone gas. 3. Express physical, chemical, genetic and epigenetic effects of ozone gas on natural life and humans. 4. Know about ozone-oxygen transformation process. 5. Physiological mechanisms in oxygen transportation to cell and tissues. 6. Express free radical formation during ozone-oxygen metabolism. 7. Lecture on antioxidant systems which are the defense system of body. 8. Count physiological characteristics of hydrogen peroxide. 9. Express physiological effects of reactive oxygen derivatives. 10. Physiological effects of lipid peroxidation products on cell and tissues. 11. Lectures on indicators and methods for assessing oxydative and antioxydative capacity and proper practice dosage for this. 	5	5	5

Table 2: Subjects within Ozone Practice Certificated Training Curriculum for Dentists and Duration for every subject

SUBJECTS	TRAINING TARGETS		Theoretical	Practice	Total
	Participants successfully completing this training:				
MODULE 2: OZONE PRACTICE PROCESS			10	4	14
1. Ozone practice process	1. Explain action mechanism and physiological basics of ozone practice				
• Action mechanism and physiological basics of ozone practice	2. Explain cell and tissue-level mechanical and physiological effects of ozone molecule				
• Its cell and tissue-level mechanical and physiological effects	3. Explain the effects of ozone practice on inflammation and repairment process		5		5
• Its effects on inflammation and repairment process	4. Explain the physiological basics of practice on pain response and systems				
• Its effects on pain	5. Explain action mechanism and physiological basics of local ozone practice				
• Action mechanism and physiological basics of local ozone practice					
2. Ozone practice methods in dentistry	1. Express basic principles of ozone practice methods		1	4	5
• Local practice	2. Explain local practice method out of ozone practice methods				
3. Ozone Practice Principles	1. Explain the ozone gas practice dosage range for clinical practice				
• Relation with ozone practice, dosage range and toxicity	2. Explain side effects for overdosing cases and related necessary precautions				
• Effect of long term ozone practice on oral pathologies	3. Explain the effects of long term ozone practice on mouth, teeth, gingiva and mentum		3		3
• Important issues concerning monitoring of ozone practice and management	4. Explain the long term ozone practice-oral pathology relation				
	5. Briefly explain the important aspects of ozone practice monitoring and management issues				

Table 2: Subjects within Ozone Practice Certificated Training Curriculum for Dentists and Duration for every subject

SUBJECTS	TRAINING TARGETS Participants successfully completing this training:	Theoretical	Practice	Total
4. Situations in which ozone practice cannot be performed	Explain the effect of ozone practice on people and the situations that ozone practice cannot be performed.	1		1
MODULE 3: APPLICABLE FIELDS FOR OZONE PRACTICE		14	20	34
1. Ozone practice in periodontology	Display ozone practice in region cleaning, oral lesions and oral mycosis before gingivitis, periodontitis and flap surgeries	3	4	7
2. Ozone practice in endodontics	Display ozone practice as a supportive process for treatments of root canal, infected and gangrene teeth on a model or person.	1	2	3
3. Ozone practice in hypersensitivity and pulp capping process	Display ozone practice as a supportive process in desensitization and pulp capping on a model or person.	1	1	2
4. Ozone practice in stopping processes	Display ozone practice as a supportive process in cavity and dentin cleaning before stopping process on a model or person.	1	1	2
5. Ozone practice in oral surgery and pathologies	Display ozone practice as a supportive process for oedema and pain relief in cases such as pro-implant cavity cleaning after exodontia, periimplantitis, alveolitis and osteomyelitis on a model or person.	2	2	4
6. Ozone practice in coagulopathy and hyperemia	Display ozone practice as a supportive process for hemorrhage disorders and hyperemia on a model or person.	1	1	2
7. Ozone practice in temporomandibular joint disorders and trismus cases	Display ozone practice as a supportive process for temporomandibular joint disorders and trismus cases on a model or person.	1	1	2
8. Ozone practice in dental prosthesis and dent and oral lesions contingent upon orthodontic apparatus	Display ozone practice as a supportive process in dental prosthesis and dent and oral lesions contingent upon orthodontic apparatus on a model or person.	1	2	3

Table 2: Subjects within Ozone Practice Certificated Training Curriculum for Dentists and Duration for every subject

SUBJECTS	TRAINING TARGETS Participants successfully completing this training:	Theoretical	Practice	Total
10. Ozone practice as the supportive factor for pain relief in dentistry	Display ozone practice as a supportive process for pain relief in dentistry on a model or person.	1	1	3
11. Ozone practice in preventive dentistry	Display prevention-oriented ozone practice in dentistry on a model or person.	1	1	2

7.2 Training Materials and Their Features

Materials to be used in the training are as follows:

1. Written training materials including subjects in the training content. (Books, slides, training guidelines, scientific journals, etc.)
2. Audiovisual training materials. (compact discs, video films, pictures, etc.)
3. Training contents, discussions (forums and virtual class sessions), presentations, case studies, videos, voice records, etc. developed in a context-specific perspective for distance learning and transferred into digital environment.
4. All tools and equipment related to ozone practice that are supposed to be in a practice center/unit as per the relevant legislation.
5. All tools and equipment that are supposed to be in a practice

7.3. Duration of Training

Duration of ozone practice certified training program is given in below-mentioned table.

Table 3: Training Duration for Ozone Practice Certification Training Program

Participant Group	Total Duration (hour)		
	Theoretical Training	Practice	TOTAL
Physician	50	70	120
Dentist	32	28	60

7.4. Evaluation of Training (Exam Procedure, Achievement Criteria, Extra Exam Right, etc.)

The training will be evaluated according to the following procedures and principles:

1. Participants who do not fulfill the requirement of compulsory attendance shall not be allowed to participate in the exam.
2. Theoretical and practice exams will be conducted at the end of the training program.
3. The participants are supposed to succeed both in theoretical and practice exam separately.
4. Exam questions shall be prepared by the exam committee, composed of minimum three trainers, under the chairmanship of the program officer in a way to cover all the subjects included in the training content.
5. Practice exams are conducted by utilizing Ozone Practice Training Evaluation Form (Annex-1). Every subject in the form is evaluated with the grades Well Adequate (4), Adequate (3), Partly Adequate (2), Inadequate (1) and Not Evaluated (0). This total is divided into subject number and average score is generated. By multiplying this average score with 25 (twenty five), score is calculated out of 100 (hundred). Applicants who get 70 in practice exam is deemed successful. Theoretical exam questions are prepared as multiple-choice questions.
6. Those who score 70 (seventy) points or more (out of 100) in the theoretical exam shall be deemed successful. Those who fail to score this minimum point in the theoretical exam shall be allowed to take the exam 2 (two) more times at maximum; those who cannot pass the exam are supposed to apply the ozone practice certification training program again.
7. Those who cannot pass the theoretical exam shall not be allowed to take the practice exam.
8. The practice exam shall be conducted by practicing ozone on a patient and/or on a model.
9. In the practice exam;
 - a. Patient evaluation and practice planning
 - b. Determining proper ozone technique
 - c. Performing ozone practice on a model or person will be evaluated.
4. Those who fail to score this minimum point in the practice exam shall be allowed to take the exam 2 (two) more times at maximum; those who cannot pass the exam are supposed to apply the ozone practice certification training program again.
5. The objections of participants who object to the results of their theoretical and practice exams conducted at the end of the ozone practice certification training program shall be evaluated and concluded by the certification training providers in 5 (five) days at the latest.
6. For certification, the success point of the trainee shall be determined by averaging the points obtained in the theoretical and practice exams.
7. Participants who pass the theoretical and practice exams shall be awarded their certificates.
8. The certificate shall be registered by the Ministry of Health.

8. PROGRAM OFFICER AND HER/HIS QUALIFICATIONS

Physicians, dentists and academicians in related fields are the program officers of ozone practice certification training program.

9. TRAINERS AND THEIR QUALIFICATIONS

People having at least one of the following requirements shall be assigned as trainer:

1. Physicians and Dentists who hold Ozone Practice Certification and who have actively worked in the relevant practice field for minimum 3 (three) years,
2. Specialists / Dental Specialists who hold Ozone Practice Certification
3. Physicians and Dentists who hold Ozone Practice Certification and who have minimum two national/international scientific publications on ozone
4. For the subjects apart from ozone practice, leading experts and faculty members.
5. Foreign nationals who can certify that they have ozone practice training on an international scale and actively work in related field and deemed appropriate by the commission established by related department.

NOTE: Practice centers are obliged to report the names and qualifications of trainers to Ministry of Health

10. PROPERTIES OF THE TRAINING PLACE

Ozone practice certified training program can be organized by the institutions with “practice center”.

For distance learning;

1. have Learning Management System (LMS) software compliant with international learning content standards (Scorm, AICC, etc.),

2. have a Learning Management System (LMS) Management panel,
3. have a server and infrastructure architecture in parallel with the capacity of the trainees,
4. ensure that video conferencing software and infrastructures are integrated into the system so as to provide synchronous training, are required.

The place for theoretical and practical training is required to:

1. have a server and infrastructure architecture in parallel with the capacity of the trainees,
2. have adequate number of chairs and desks for participants,
3. be a traditional and complementary medicine practice center which the Ministry allows to open,
4. have computer and audiovisual devices which will allow for carrying out the training using appropriate technology; practice models; a blackboard; a printer, xerox machine and paper support systems ensuring that participants are provided with training objectives, subjects and contents/presentations; preferably an internet access enabling that online and visual animations/training materials are used.

11. VALIDITY PERIOD OF THE CERTIFICATE

The validity period of the certificate is 7 (seven) years.

12. CERTIFICATE RENEWAL CRITERIA

Certificates shall be renewed pursuant to belowmentioned criteria:

1. At the end of the validity period of the certificates, among the certificate-holders;
 - a. Those who document that they attended national/international trainings or scientific meetings on ozone at least 4 (four) times within the validity period of the certificate after receiving that certificate or those who published an article on ozone in 2 (two) national/international scientific journals or those who document that they worked actively on this field for 2 (two) years are awarded a certificate extension. The certificate-holders will submit their documentation related to these criteria during the recertification application to the certification training providers that awarded the certificate to them.
 - b. Those who do not fulfil any criteria in paragraph a need to apply for renewal exam.
2. The renewal exam shall be conducted as a theoretical exam consisting of multiple-choice questions prepared in line with the recent developments in the field and the subjects in the ozone certification training program by the providers of ozone practice certification training program under the coordination of the relevant unit of the Ministry.
3. The participants who score 70 (seventy) or more points in the renewal exam shall be deemed successful and the duration of their certificates shall be extended for another 5 (five) years.
4. The certificates of the certificate-holders are valid until the recertification exam process is completed.
5. The certificates of those who fail to attend the certification renewal exam twice in a row shall be deemed invalid, except in cases of legally acceptable excuses. Following the end of the legally acceptable excuse, they are tested as soon as possible.
6. In cases when the training activities of the entity with the authorization to provide certification training program are stopped or its certification training provision authorization documents are cancelled for any reason or in cases of shut-down and transfer, the recertification exams shall be conducted by the relevant unit of the Ministry.
7. The objections of the certificate-holders, who failed in the certification renewal exam, to the renewal exam results shall be evaluated and concluded in maximum 5 (five) days by the certification renewal exam committee.

13. EQUIVALENCE APPLICATION AND PROCEDURES AND PRINCIPLES OF EQUIVALENCE PROCESSES

Equivalence shall be requested by using the equivalence application form prepared by the Ministry in line with the provisions of the Regulation on Certification Training of the Ministry of Health.

It is mandatory to submit all the documents specified in this form.

Each section specified in this form shall be filled in detail, the original copies of the below-listed documents approved by the institution/organization which

provides the training and the translation of the documents into Turkish by a certified translator if the training is received abroad shall be submitted as attachment to the form.

Documents to be attached to the Application Form:

1. Notarized copy of the certificate.
2. Notarized copy of the Faculty of Medicine/Faculty of Dentistry diploma.
3. Notarized copy of postgraduate education certificate, if available.
4. Notarized copy of Turkish Identification Card/Foreign Identification Card and 2 (two) photographs.
5. All information and documentation related to the Training Curriculum specified in the 4th paragraph of the Application Form. (In Turkish and in the language of the training and the document)
6. Document proving that Physicians received at least 120 (one hundred and twenty) hours of theoretical and practical training, that Dentists received at least 60 (sixty) hours of theoretical and practical training as well as the Training Curriculum.
7. The applicant will be requested to submit a document which is received from the official health authority of the country of training or the head of mission of Turkey and shows that the Institution/Organization/Private Law Legal Entity/Natural Person who/which provided the training and who/which is included in the 3rd paragraph of the Application Form is authorized to provide training.
8. The applicant will be requested to submit a document showing that s/

he resided in the country in which s/he received training during the training period with his/her passport or other official documents and the formally-commissioned officials will be requested to provide documentation proving that they were off duty in the said period.

How to carry out the Equivalence Procedures

1. The application files of those who apply for certificate equivalence shall be examined in line with the Ozone Practice Certified Training Program Standards by a ozone practice-certified scientific committee.
2. The applicants whose files are deemed suitable and sufficient shall be tested with theoretical and practical exam.
3. Those who score 70 (seventy) points or more (out of 100) in the theoretical exam shall be deemed successful. Those who fail to score this minimum point in the theoretical exam shall be allowed to take the exam 2 (two) more times at maximum; those who cannot pass the exam are supposed to apply to the Ozone Practice Certification Training Program again.
4. Those who cannot pass the theoretical exam shall not be allowed to take the practice exam.
5. The practice exam will be conducted on a patient and/or a model.
6. In the practice exam;
 - a. Practice planning,
 - b. Ozone practice
 - c. Points to consider before and after practice will be evaluated.

7. Participants who score 70 (seventy) points or more (out of 100) in the practice exam shall be deemed successful. Those who fail to score this minimum point in the practice exam shall be allowed to take the exam 2 (two) more times at maximum; those who cannot pass the exam are supposed to apply to the Ozone Practice Certification Training Program again.
8. Certificate Equivalency Document shall be drawn up for applicants who pass the theoretical and practice exams.
9. Certificate Equivalency Document shall be registered by the Ministry of Health.

14. PROVISIONAL CLAUSE

Physicians and dentists who have any of these belowmentioned qualities before the issue date of this Standard:

1. Having 2 (two) nationally/internationally acknowledged and/or published scientific papers related to subject,
2. Having posgraduate thesis on related subject,
3. Having postgraduate thesis supervisory experience on related subject,

On the condition that they apply to Ministry of Health within 6 (six) months pursuant to the issue date of this standard, the application shall be examined by the commission that shall be composed by related department in the Ministry and applicants deemed proper shall be awarded Ozon Practice Certification Equivalence without any examination for one time only.