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ANKARA GÜLHANE MILITARY MEDICAL ACADEMY
THE RESULTS OF PHOTOCATALYTIC APPLICATIONS

PLACE OF APPLICATION	ANKARA GÜLHANE MILITARY MEDICAL ACADEMY				
APPLICATION AREA	KEY ON COMPUTER KEYBOARD IN DOCTORS' BREAK ROOM AT GENERAL OPERATING ROOM				
APPLICATION DATE	11.12.2009				
PRODUCT USED	Easy Coat – FB				
TEST & MEASUREMENT DEVICE	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	21.12.2009	08.01.2010	22.01.2010	
	6181	1081	797	353	

PLACE OF APPLICATION	ANKARA GÜLHANE MILITARY MEDICAL ACADEMY				
APPLICATION AREA	DOOR HANDLE OF DOCTORS' BREAK ROOM AT GENERAL OPERATING ROOM				
APPLICATION DATE	11.12.2009				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT DEVICE	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	21.12.2009	08.01.2010	22.01.2010	
	1346	1285	184	77	

PLACE OF APPLICATION	ANKARA GÜLHANE MILITARY MEDICAL ACADEMY				
APPLICATION AREA	SWITCH OF DOCTORS' BREAK ROOM AT GENERAL OPERATING ROOM				
APPLICATION DATE	11.12.2009				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT DEVICE	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	21.12.2009	08.01.2010	22.01.2010	
	1709	446	199	148	

PLACE OF APPLICATION	ANKARA GÜLHANE MILITARY MEDICAL ACADEMY				
APPLICATION AREA	SURFACE OF DESK IN DOCTORS' BREAK ROOM AT GENERAL OPERATING ROOM				
APPLICATION DATE	11.12.2009				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT DEVICE	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	21.12.2009	08.01.2010	22.01.2010	
	9110	659	351	199	

PLACE OF APPLICATION	ANKARA GÜLHANE MILITARY MEDICAL ACADEMY				
APPLICATION AREA	PHONE RECEIVER IN DOCTORS' BREAK ROOM AT GENERAL OPERATING ROOM				
APPLICATION DATE	11.12.2009				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT DEVICE	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	21.12.2009	08.01.2010	22.01.2010	
	4192	591	537	409	

Photograph of construction at the hospital



Picture of inspection by a nurse



Clinical verification of bactericidal effect of photocatalyst(light catalyst) (Photocatalyst and bactericidal effect)

Kirkkale University Hospital(Turkey)

Effective Date: 2016.12.5

Participant: Dr.Nagamune

Overview

Purpose

In this research a provisional test is performed to figure out how much bactericidal effect photocatalyst has: this is the only advanced experiment of coating iron titanate apatite in the laboratory, using test tubes of the hospital.

Material and Method

30 sterilized petri dishes on which 20ppm of iron titanate apatite is sprayed and left under fluorescent light for 4 days

Bacterial survival rates (CFUX100/CFU)after adaption are inspected with 10 separate dishes on which 0.5 McFarland Pseudomonas aeruginosa(1.5×10^8 CFU/mL-CFU=colony forming unit) and Acinetobacter baumannii are cultured and as prescribed, non-applied 10 dishes. The second phase is preparing different specimen on special specimen kit on which 0.012L/m^2 is sprayed with the same method as in the hospital. Granularities are measured by luminometer, both before application and one month later.

Result

• Two days after application of photocatalyst, the bacterial survival rate of Pseudomonas aeruginosa decreased dramatically($p < 0.001$)($60 \pm 8\%$ / $95 \pm 9\%$). The difference increased gradually until the 4th day(3.day: $35 \pm 5\%$ / $90 \pm 9\%$; 4.day: $22 \pm 5\%$ / $85 \pm 8\%$). 2 days later bacterial survival rate decreased dramatically due to the effect of Acinetobacter baumannii($55 \pm 7\%$ / $87 \pm 8\%$)($p < 0.01$). The difference increased gradually until 4 days after the application(3rd day: $40 \pm 5\%$ / $80 \pm 8\%$; 4th day: $15 \pm 5\%$ / $78 \pm 7\%$).

According to the result, granularity measurement of superficial bacteria decreased as follows: operating room(97.15%), intensive care unit(95.61%), internal department(98.30%), within the hospital(94.13%), kitchen(97.04%)

Summary

As a result of our pioneering inspection of photocatalyst, it is probably the most economic, safe and new sterilizing method in hospitals. Besides, the clinical test in research laboratory has proven that it is effective in both sterilization and bacteriostasis.

Keywords:

Titanium Dioxide Anti-Infective Agent Microbial Sensitivity Test



Turkish Application Performance Inspection Result List

ANKARA GÜLHANE MILITARY MEDICAL ACADEMY

THE RESULTS OF PHOTOCATALYTIC APPLICATIONS

PLACE OF APPLICATION	ANKARA GÜLHANE MILITARY MEDICAL ACADEMY				
APPLICATION AREA	KEY ON COMPUTER KEYBOARD IN DOCTORS' BREAK ROOM AT GENERAL OPERATING ROOM				
APPLICATION DATE	11.12.2009				
PRODUCT USED	Easy Coat – FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	21.12.2009	08.01.2010	22.01.2010	
	6181	1081	797	353	

PLACE OF APPLICATION	ANKARA GÜLHANE MILITARY MEDICAL ACADEMY				
APPLICATION AREA	DOOR HANDLE OF DOCTORS' BREAK ROOM AT GENERAL OPERATING ROOM				
APPLICATION DATE	11.12.2009				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	21.12.2009	08.01.2010	22.01.2010	
	1346	1285	184	77	

PLACE OF APPLICATION	ANKARA GÜLHANE MILITARY MEDICAL ACADEMY				
APPLICATION AREA	SWITCH OF DOCTORS' BREAK ROOM AT GENERAL OPERATING ROOM				
APPLICATION DATE	11.12.2009				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	21.12.2009	08.01.2010	22.01.2010	
	1709	446	199	148	

PLACE OF APPLICATION	ANKARA GÜLHANE MILITARY MEDICAL ACADEMY				
APPLICATION AREA	SURFACE OF DESK IN DOCTORS' BREAK ROOM AT GENERAL OPERATING ROOM				
APPLICATION DATE	11.12.2009				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	21.12.2009	08.01.2010	22.01.2010	
	9110	659	351	199	

PLACE OF APPLICATION	ANKARA GÜLHANE MILITARY MEDICAL ACADEMY				
APPLICATION AREA	PHONE RECEIVER IN DOCTORS' BREAK ROOM AT GENERAL OPERATING ROOM				
APPLICATION DATE	11.12.2009				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	21.12.2009	08.01.2010	22.01.2010	
	4192	591	537	409	

ANKARA YÜZÜNCÜ YIL HOSPITAL
THE RESULTS OF PHOTOCATALYTIC APPLICATIONS

PLACE OF APPLICATION	ANKARA YÜZÜNCÜ YIL HOSPITAL				
APPLICATION AREA	METAL SURFACE OF NO.7 BEDSIDE PANEL IN CHILD OBSERVATION ROOM				
APPLICATION DATE	03.03.2010				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	12.03.2010			
	2865	62			

PLACE OF APPLICATION	ANKARA YÜZÜNCÜ YIL HOSPITAL				
APPLICATION AREA	TOP OF CABINET				
APPLICATION DATE	03.03.2010				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	12.03.2010			
	11437	182			

İ.ŞEVKİ ATASAGUN NEVŞEHİR NATIONAL HOSPITAL
THE RESULTS OF PHOTOCATALYTIC APPLICATIONS

PLACE OF APPLICATION	İ.ŞEVKİ ATASAGUN NEVŞEHİR NATIONAL HOSPITAL				
APPLICATION AREA	REFRIGERATOR HANDLE OF NO.208 ISOLATION ROOM AT INFECTIOUS DISEASES SERVICE				
APPLICATION DATE	05.12.2009				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	14.12.2009	04.01.2010		
	4282	1579	481		

PLACE OF APPLICATION	İ.ŞEVKİ ATASAGUN NEVŞEHİR NATIONAL HOSPITAL				
APPLICATION AREA	NURSE CALL BUTTON OF NO.208 ISOLATION ROOM AT INFECTIOUS DISEASES SERVICE				
APPLICATION DATE	05.12.2009				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	14.12.2009	04.01.2010		
	3350	865	177		

DINING HALL KITCHEN OF TURKISH STATE RAILWAYS
THE RESULTS OF PHOTOCATALYTIC APPLICATIONS

PLACE OF APPLICATION	DINING HALL KITCHEN OF TURKISH STATE RAILWAYS				
APPLICATION AREA	SURFACE OF MARBLE COUNTERTOP IN CAKE MAKING ROOM				
APPLICATION DATE	25.02.2010				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
PRODUCT USED	Easy Coat - FB				
MEASUREMENT VALUE	BEFORE APPLICATION	05.03.2010	24.03.2010		
	31427	99			

PLACE OF APPLICATION	DINING HALL KITCHEN OF TURKISH STATE RAILWAYS				
APPLICATION AREA	SURFACE OF WALL TILE IN CAKE MAKING ROOM				
APPLICATION DATE	25.02.2010				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
PRODUCT USED	Easy Coat - FB				
MEASUREMENT VALUE	BEFORE APPLICATION	05.03.2010	24.03.2010		
	14618	77			

PLACE OF APPLICATION	DINING HALL KITCHEN OF TURKISH STATE RAILWAYS				
APPLICATION AREA	DOUGH MIXER IN CAKE MAKING ROOM				
APPLICATION DATE	25.02.2010				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
PRODUCT USED	Easy Coat - FB				
MEASUREMENT VALUE	BEFORE APPLICATION	05.03.2010	24.03.2010		
	25716	1942			

KAYSERİ ERCİYES UNIVERSITY MEDICAL SCHOOL ANAESTHESIA INTENSIVE CARE UNIT

THE RESULTS OF PHOTOCATALYTIC APPLICATIONS

PLACE OF APPLICATION	KAYSERİ ERCİYES UNIVERSITY MEDICAL SCHOOL ANAESTHESIA INTENSIVE CARE UNIT				
APPLICATION AREA	REMOTE CONTROL AT FOOTSIDE OF BED IN 1 ST ISOLATION ROOM				
APPLICATION DATE	19.02.2010				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	26.02.2010	18.03.2010		
	3195	871			

PLACE OF APPLICATION	KAYSERİ ERCİYES UNIVERSITY MEDICAL SCHOOL ANAESTHESIA INTENSIVE CARE UNIT				
APPLICATION AREA	REMOTE CONTROL AT HEADSIDE OF BED IN 1 ST ISOLATION ROOM				
APPLICATION DATE	19.02.2010				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	26.02.2010	18.03.2010		
	23179	1474			

PLACE OF APPLICATION	KAYSERİ ERCİYES UNIVERSITY MEDICAL SCHOOL ANAESTHESIA INTENSIVE CARE UNIT				
APPLICATION AREA	DINING TABLE IN 1 ST ISOLATION ROOM				
APPLICATION DATE	19.02.2010				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	26.02.2010	18.03.2010		
	16032	853			

PLACE OF APPLICATION	KAYSERİ ERCİYES UNIVERSITY MEDICAL SCHOOL ANAESTHESIA INTENSIVE CARE UNIT				
APPLICATION AREA	REMOTE CONTROL AT FOOTSIDE OF BED IN 2 ND ISOLATION ROOM				
APPLICATION DATE	19.02.2010				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
PRODUCT USED	Easy Coat - FB				
MEASUREMENT VALUE	BEFORE APPLICATION	26.02.2010	18.03.2010		
	2673	108			

PLACE OF APPLICATION	KAYSERİ ERCİYES UNIVERSITY MEDICAL SCHOOL ANAESTHESIA INTENSIVE CARE UNIT				
APPLICATION AREA	REMOTE CONTROL AT HEADSIDE OF BED IN 2 ND ISOLATION ROOM				
APPLICATION DATE	19.02.2010				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
PRODUCT USED	Easy Coat - FB				
MEASUREMENT VALUE	BEFORE APPLICATION	26.02.2010	18.03.2010		
	12023	2581			

KAYSERİ ERCİYES UNIVERSITY MEDICAL SCHOOL MATERNITY WARD
THE RESULTS OF PHOTOCATALYTIC APPLICATIONS

PLACE OF APPLICATION	ERCİYES UNIVERSITY MEDICAL SCHOOL				
APPLICATION AREA	FRONT OF MIRROR IN MEN'S RESTROOM AT NICU				
APPLICATION DATE	08.12.2009				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	18.12.2009	26.02.2010		
	9529	2096	450		

PLACE OF APPLICATION	ERCİYES UNIVERSITY MEDICAL SCHOOL				
APPLICATION AREA	DOOR HANDLE OF MEN'S RESTROOM AT NICU				
APPLICATION DATE	08.12.2009				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	18.12.2009	26.02.2010		
	1598	282	285		

PLACE OF APPLICATION	ERCİYES UNIVERSITY MEDICAL SCHOOL				
APPLICATION AREA	TOILET SEAT LID OF MEN'S RESTROOM AT NICU				
APPLICATION DATE	08.12.2009				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	18.12.2009	26.02.2010		
	14103	2007	326		

PLACE OF APPLICATION	ERCİYES UNIVERSITY MEDICAL SCHOOL				
APPLICATION AREA	SURFACE OF WALL TILE OF MEN'S RESTROOM AT NICU				
APPLICATION DATE	08.12.2009				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	18.12.2009	26.02.2010		
	2062	182	138		

ETLIK SPECIAL TRAINING AND RESEARCH HOSPITAL
THE RESULTS OF PHOTOCATALYTIC APPLICATIONS

PLACE OF APPLICATION	ETLIK SPECIAL TRAINING AND RESEARCH HOSPITAL				
APPLICATION AREA	BACK CORNER OF MEDICINE TROLLEY IN DRESSING ROOM				
APPLICATION DATE	29.01.2010				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	09.02.2010	22.02.2010		
	1748	108	145		

PLACE OF APPLICATION	ETLIK SPECIAL TRAINING AND RESEARCH HOSPITAL				
APPLICATION AREA	CHAIR REMOTE CONTROL IN DRESSING ROOM				
APPLICATION DATE	29.01.2010				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	09.02.2010	22.02.2010		
	16821	165	89		

PLACE OF APPLICATION	ETLIK SPECIAL TRAINING AND RESEARCH HOSPITAL				
APPLICATION AREA	CHAIR HEADREST IN DRESSING ROOM				
APPLICATION DATE	29.01.2010				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	09.02.2010	22.02.2010		
	23064	1427	1844		

PLACE OF APPLICATION	ETLIK SPECIAL TRAINING AND RESEARCH HOSPITAL				
APPLICATION AREA	SURFACE OF DESK IN DRESSING ROOM				
APPLICATION DATE	29.01.2010				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	09.02.2010	22.02.2010		
	2529	189	45		

PLACE OF APPLICATION	ETLIK SPECIAL TRAINING AND RESEARCH HOSPITAL				
APPLICATION AREA	SINGLE SWITCH OF DRESSING ROOM				
APPLICATION DATE	29.01.2010				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	09.02.2010	22.02.2010		
	2493	677	131		

GRAND NATIONAL ASSEMBLY OF TURKEY MICROBIOLOGICAL LABORATORY

THE RESULTS OF PHOTOCATALYTIC APPLICATIONS

PLACE OF APPLICATION	GRAND NATIONAL ASSEMBLY OF TURKEY MICROBIOLOGICAL LABORATORY				
APPLICATION AREA	TOP RIGHT SIDE OF WASHBASIN				
APPLICATION DATE	04.03.2010				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	12.02.2010	05.04.2010		
	530	150	97		

PLACE OF APPLICATION	GRAND NATIONAL ASSEMBLY OF TURKEY MICROBIOLOGICAL LABORATORY				
APPLICATION AREA	DOOR HANDLE				
APPLICATION DATE	04.03.2010				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	12.03.2010	05.04.2010		
	1428	106	93		

PLACE OF APPLICATION	GRAND NATIONAL ASSEMBLY OF TURKEY MICROBIOLOGICAL LABORATORY				
APPLICATION AREA	FRONT SIDE OF PACTO SAFE				
APPLICATION DATE	04.03.2010				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	12.03.2010	05.04.2010		
	993	269	712		

PLACE OF APPLICATION	GRAND NATIONAL ASSEMBLY OF TURKEY MICROBIOLOGICAL LABORATORY				
APPLICATION AREA	MICROSCOPE 2				
APPLICATION DATE	04.03.2010				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	12.03.2010	05.04.2010		
	1086	214	93		

NOT APPLIED TO TOP OF PACTO SAFE : 4435 05.04.2010 6500

MICROSCOPE NOT APPLIED 05.04.2010 8238

ZEYNEP KAMİL MATERNITY AND CHILDREN TRAINING AND RESEARCH HOSPITAL
THE RESULTS OF PHOTOCATALYTIC APPLICATIONS

PLACE OF APPLICATION	ZEYNEP KAMİL MATERNITY AND CHILDREN TRAINING AND RESEARCH HOSPITAL				
APPLICATION AREA	FLOOR SURFACE OF MACROSCOPY ROOM AT PATHOLOGY SECTION				
APPLICATION DATE	01.11.2009				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	06.11.2009	02.12.2009		
	22148	6994	2001		

PLACE OF APPLICATION	ZEYNEP KAMİL MATERNITY AND CHILDREN TRAINING AND RESEARCH HOSPITAL				
APPLICATION AREA	SURFACE EXPOSED TO MULTIPLE HAND CONTACTS OF MACROSCOPY ROOM AT PATHOLOGY				
APPLICATION DATE	01.11.2009				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	06.11.2009	02.12.2009		
	4201	704	75		

PLACE OF APPLICATION	ZEYNEP KAMİL MATERNITY AND CHILDREN TRAINING AND RESEARCH HOSPITAL				
APPLICATION AREA	MORTUARY WASHING ROOM				
APPLICATION DATE	01.11.2009				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	06.11.2009	02.12.2009		
	7456	1852	1812		

KIRIKKALE UNIVERSITY MEDICAL FACULTY HOSPITAL
THE RESULTS OF PHOTOCATALYTIC APPLICATIONS

PLACE OF APPLICATION	KIRIKKALE UNIVERSITY MEDICAL FACULTY HOSPITAL				
APPLICATION AREA	OPERATING TABLE IN GENERAL OPERATING ROOM				
APPLICATION DATE	09.12.2009				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	12.02.2010			
	2043	1457			

PLACE OF APPLICATION					
APPLICATION AREA					
APPLICATION DATE					
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION				

PLACE OF APPLICATION					
APPLICATION AREA					
APPLICATION AREA					
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION				

PLACE OF APPLICATION					
APPLICATION AREA					
APPLICATION DATE					
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION				

CAPPADOCIA PRIVATE HOSPITAL
THE RESULTS OF PHOTOCATALYTIC APPLICATIONS

PLACE OF APPLICATION	CAPPADOCIA PRIVATE HOSPITAL				
APPLICATION AREA	SURFACE OF LOCKER IN STAFF BREAK ROOM AT OPERATING ROOM				
APPLICATION DATE	05.12.2009				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	14.12.2009	04.01.2010		
	48959	808	301		

PLACE OF APPLICATION	CAPPADOCIA PRIVATE HOSPITAL				
APPLICATION AREA	SURFACE OF PAPER TOWEL HOLDER IN STAFF BREAK ROOM AT OPERATING ROOM				
APPLICATION DATE	05.12.2009				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	14.12.2009	04.01.2010		
	2117	1138	247		

PLACE OF APPLICATION	CAPPADOCIA PRIVATE HOSPITAL				
APPLICATION AREA	SURFACE OF COFFEE TABLE IN STAFF BREAK ROOM AT OPERATING ROOM				
APPLICATION DATE	05.12.2009				
PRODUCT USED	Easy Coat - FB				
TEST & MEASUREMENT	LUMITESTER VIABLE CELL COUNTING DEVICE				
MEASUREMENT VALUE	BEFORE APPLICATION	14.12.2009	04.01.2010		
	11025	363	147		