



# **CSSD development and education plan**

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# INTRODUCTION

- In recent years, several infectious diseases have emerged & spread , which pose a threat to human life.
- Therefore, government agencies devoted their efforts, Physical recourses & human resources to prevent the spread of infection in community and healthcare facilities.



# CSSD In the past

- CSSD design and layout doesn't meet the standard
- Shortage of financial support
- Wrong practices
- Misuse of materials
- NO products evaluation by the users
- Poor maintenance and Biomedical engineering
- Lack of programs installation in the sterilizer/ washers
- Lack of Education and Training
- Users are not involved in CSSD projects and tenders





## Region needs for workers in CSSD 2017

Region	No# Current employees	No# of current employees according to national standard	No# Required current requirements	% current requirement
Al Ahsa'	41	149	108	72
Al Bahah	20	91	71	78
Al Jawf	41	121	80	66
Alhudud Al Shamalia	57	148	91	61
Riyadh	139	455	316	69
Ta'if	43	191	148	77
Qurayyat	13	49	36	73
Al-Qassim	96	283	187	66
Al Qunfudhah	13	46	33	72
Al-Madina Al-Munawarah	66	250	184	74
Ash Sharqiyah	66	216	150	69
Baysha	15	68	53	78
Tabuk	32	149	117	79
Jizan	78	220	142	65
Jeddah	88	254	166	65
Ha'il	34	146	112	77
Hfr Albatn	42	128	86	67
Asir	65	224	159	71
Makkah Al-mukaramah	75	194	119	61
Najran	36	111	75	68
Total	1060	3493	2433	70



# Development of sterilization Services



- Renovation and Redesign CSSDs
- Infection prevention and control
- Maintaining sterility
- Protecting medical devices
- Certifying the CSSD workers by training and education
- Providing safe and healthy environment
- Patient Safety & Quality control in the health sector
- Auditing
- Exchange education program



**Develop**

# CERTIFICATIONS

The first program for certified CSSD technicians approved by Saudi commission for health specialties in:

**Prince Salman military medical city.**

**Requirement :**

**Diploma in Medical Sciences Degree: Diploma in sterilization.**

**King Faisal Specialist Hospital & Research Centre – Jeddah**

**King Abdelaziz University - Jeddah**

**Requirement : High school. Degree: Diploma in sterilization.**



# support and resources for development

- 2014, **CSSD Training and Education Team** team under the Ministry of Health supervision



Infection control specialists and consultants joined to the team to be The Continuing Education Group, to Share and exchange information and experiences

- 2016, **Saudi Society** for Sterilization, Disinfection, and Infection Control :





# 2018

## Promotion The Workers Level Of Education, and Certification





# Medical Sterilization Certification

# The Trainees



- They are higher educated ladies
- The majority of them have returned with postgraduate studies from Europe, America, Canada, and Australia.
- Many have good communication skills, with advance management courses.
- They are ready to develop and make a difference



# Training, Certification and Education



- BSc & International certification in English language
- Training under supervision of Saudi Commission For Health Specialties.
- Specialized training centers in different sectors
- Monitoring and promotion of educational and professional development supported



# Health Science Programs

- Saudi Commission for Sterilization Specialists



Program in cooperation with

International academies to train and educate technicians and specialists.

- Scientific Qualification Program for sterilization technicians to be certified in IAHCMM



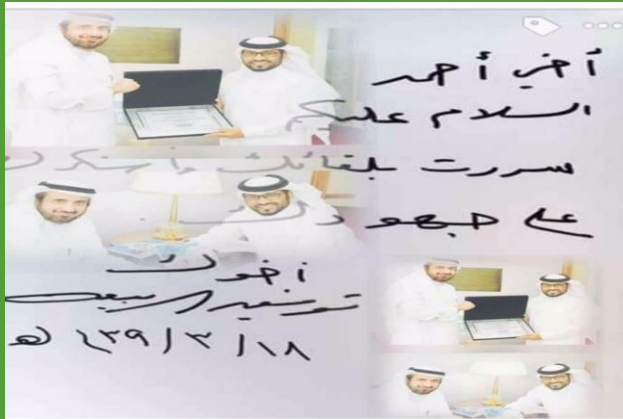
# Health Science Programs

- 2018, the 1<sup>st</sup> Education and Training team for Ladies Sterilization Specialists, in the west region.



# Academic and

## Books Resources:



- ❑ Sterilization Today, Saudi electronic newsletter, 2018  
<http://sterilizationtoday.com>
- ❑ Sterilization and Operations Management book, 2018
- ❑ Basic Principles and guidelines and best technical practices in the sterilization departments, 2016
- ❑ Saudi Commission for Sterilization Specialists Book, 2016
- ❑ Central Sterilization Departments Guidelines Book, 2018 - Arabic
- ❑ Medical sterilization in hospital, 2018 - Arabic



# CSSD In Saudi VISION 2030





# VISION 2030:

- **PRIVATIZATION:** increase private sector financial of healthcare to 35%
- **GOVERNANCE:** improve use of resources.
- **DIGITAL TECHNOLOGY :** improve its efficiency
- **QUALITY:** improve Quality of services
- **INFRASTRUCTURE:** improve safety and standards
- **TRAINING :** improve quality of training and skills





*To the Organizers of  
patient safety conference  
2019*

*Thank you all for your  
support and for the  
opportunity to share my  
experiences*

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