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## An Interactive Blended Medical Educational Program for Family Medicine Physicians in the Sudan Medical Specialization Board (SMSB)

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### APPENDICES

Appendix (1): How can we prove that there is an improvement as compared to the previous standard?

What will the program assess/measure?	How will we measure it?	How we will know that the change is really an improvement?
Knowledge	The number of new recommendations, guidelines, and posts in SLACK	1.Case-based presentation 2.Auditing 3.Patient's satisfaction
Skills	The number of new recommendations, guidelines and posts in SLACK	1.Case-based presentation 2.Auditing 3.Patient's satisfaction
Discussion of recommendations/guidelines.	The number of new recommendations, guidelines and posts in SLACK	1.Case-based presentation 2.Auditing 3.Patient's satisfaction
Consolidation of information from nationally recognized governmental agencies and medical associations.	The number of new recommendations, guidelines and posts in SLACK	1.Case-based presentation. 2.Auditing 3.Patient's satisfaction
Improvement of the health care outcomes	The number of new recommendations, guidelines and posts in SLACK	1. Case -based presentation. 2.Auditing 3.Patient's satisfaction

Appendix (2): The Major/Professional Governmental Agencies and Associations/Societies (Abbreviation, full name, and address)

ABBREVIATION	FULL NAME	WEBSITE
AACE	American Association of Clinical Endocrinologists	<a href="http://www.aace.com">http://www.aace.com</a>
AAD	American Academy of Dermatology	<a href="http://www.aad.org">http://www.aad.org</a>
AAFP	American Academy of Family Physicians	<a href="http://www.aafp.org">http://www.aafp.org</a>
AAHPM	American Academy of Hospice and Palliative Medicine	<a href="http://www.aahpm.org">http://www.aahpm.org</a>

AAN	American Academy of Neurology	<a href="http://www.aan.com">http://www.aan.com</a>
AAO	American Academy of Ophthalmology	<a href="http://www.aao.org">http://www.aao.org</a>
AAO-HNS	American Academy of Otolaryngology—Head and Neck Surgery	<a href="http://www.entnet.org">http://www.entnet.org</a>
SAAOS	American Academy of Orthopedic Surgeons and American Association of Orthopedic Surgeons	<a href="http://www.aaos.org">http://www.aaos.org</a>
AAP	American Academy of Pediatrics	<a href="http://www.aap.org">http://www.aap.org</a>
ACC	American College of Cardiology	<a href="http://www.acc.org">http://www.acc.org</a>
ACCP	American College of Chest Physicians	<a href="http://www.chestnet.org">http://www.chestnet.org</a>
ACIP	Advisory Committee on Immunization Practices	<a href="http://www.cdc.gov/vaccines/acip/index.html">http://www.cdc.gov/vaccines/acip/index.html</a>
ACOG	American Congress of Obstetricians and Gynecologists	<a href="http://www.acog.com">http://www.acog.com</a>
ACP	American College of Physicians	<a href="http://www.acponline.org">http://www.acponline.org</a>
ACR	American College of Radiology	<a href="http://www.acr.org">http://www.acr.org</a>
ACR	American College of Rheumatology	<a href="http://www.rheumatology.org">http://www.rheumatology.org</a>
ACS	American Cancer Society	<a href="http://www.cancer.org">http://www.cancer.org</a>
ACSM	American College of Sports Medicine	<a href="http://www.acsm.org">http://www.acsm.org</a>
ADA	American Diabetes Association	<a href="http://www.diabetes.org">http://www.diabetes.org</a>
AGA	American Gastroenterological Association	<a href="http://www.gastro.org">http://www.gastro.org</a>
AGS	American Geriatrics Society	<a href="http://www.americangeriatrics.org">http://www.americangeriatrics.org</a>
AHA	American Heart Association	<a href="http://www.americanheart.org">http://www.americanheart.org</a>
ANA	American Nurses Association	<a href="http://www.nursingworld.org">http://www.nursingworld.org</a>
AOA	American Optometric Association	<a href="http://www.aoa.org">http://www.aoa.org</a>
ASA	American Stroke Association	<a href="http://www.strokeassociation.org">http://www.strokeassociation.org</a>
ASAM	American Society of Addiction Medicine	<a href="http://www.asam.org">http://www.asam.org</a>
ASCCP	American Society for Colposcopy and Cervical Pathology	<a href="http://www.asccp.org">http://www.asccp.org</a>
ASCO	American Society of Clinical Oncology	<a href="http://www.asco.org">http://www.asco.org</a>
ASCRS	American Society of Colon and Rectal Surgeons	<a href="http://www.fascrs.org">http://www.fascrs.org</a>
ASGE	American Society for Gastrointestinal Endoscopy	<a href="http://asge.org">http://asge.org</a>
ASHA	American Speech-Language-Hearing Association	<a href="http://www.asha.org">http://www.asha.org</a>
ASN	American Society of Neuroimaging	<a href="http://www.asnweb.org">http://www.asnweb.org</a>
ATA	American Thyroid Association	<a href="http://www.thyroid.org">http://www.thyroid.org</a>
ATS	American Thoracic Society	<a href="http://www.thoracic.org">http://www.thoracic.org</a>
AUA	American Urological Association	<a href="http://auanet.org">http://auanet.org</a>
BASHH	British Association for Sexual Health and HIV	<a href="http://www.bashh.org">http://www.bashh.org</a>
BF	Bright Futures	<a href="http://brightfutures.org">http://brightfutures.org</a>
BGS	British Geriatrics Society	<a href="http://www.bgs.org.uk/">http://www.bgs.org.uk/</a>
BSAC	British Society for Antimicrobial Chemotherapy	<a href="http://www.bsac.org.uk">http://www.bsac.org.uk</a>
CDC	Centers for Disease Control and Prevention	<a href="http://www.cdc.gov">http://www.cdc.gov</a>
COG	Children’s Oncology Group	<a href="http://www.childrensoncologygroup.Org">http://www.childrensoncologygroup.Org</a>
CSVS	Canadian Society for Vascular Surgery	<a href="http://canadianvascular.ca">http://canadianvascular.ca</a>
CTF	Canadian Task Force on Preventive Health Care	<a href="http://canadiantaskforce.ca">http://canadiantaskforce.ca</a>
EASD	European Association for the Study of Diabetes	<a href="http://www.easd.org">http://www.easd.org</a>
EAU	European Association of Urology	<a href="http://www.uroweb.org">http://www.uroweb.org</a>

ERS	European Respiratory Society	<a href="http://ersnet.org">http://ersnet.org</a>
ESC	European Society of Cardiology	<a href="http://www.escardio.org">http://www.escardio.org</a>
ESH	European Society of Hypertension	<a href="http://www.eshonline.org">http://www.eshonline.org</a>
IARC	International Agency for Research on Cancer	<a href="http://screening.iarc.fr">http://screening.iarc.fr</a>
ICSI	Institute for Clinical Systems Improvement	<a href="http://www.icsi.org">http://www.icsi.org</a>
IDF	International Diabetes Federation	<a href="http://www.idf.org">http://www.idf.org</a>
NAPNAR	National Association of Pediatric Nurse Practitioners	<a href="http://www.napnap.org">http://www.napnap.org</a>
NCCN	National Comprehensive Cancer Network	<a href="http://www.nccn.org/cancer_guidelines.html">http://www.nccn.org/cancer_guidelines.html</a>
NCI	National Cancer Institute	<a href="http://www.cancer.gov/cancerinformation">http://www.cancer.gov/cancerinformation</a>
NEI	National Eye Institute	<a href="http://www.nei.nih.gov">http://www.nei.nih.gov</a>
NGC	National Guideline Clearinghouse	<a href="http://www.guidelines.gov">http://www.guidelines.gov</a>
NHLBI	National Heart, Lung, and Blood Institute	<a href="http://www.nhlbi.nih.gov">http://www.nhlbi.nih.gov</a>
NIAAA	National Institute on Alcohol Abuse and Alcoholism	<a href="http://www.niaaa.nih.gov">http://www.niaaa.nih.gov</a>
NICE	National Institute for Health and Clinical Excellence	<a href="http://www.nice.org.uk">http://www.nice.org.uk</a>
NIDCR	National Institute of Dental and Craniofacial Research	<a href="http://www.nidr.nih.gov">http://www.nidr.nih.gov</a>
NIHCDC	National Institutes of Health Consensus Development Program	<a href="http://www.consensus.nih.gov">http://www.consensus.nih.gov</a>
NIP	National Immunization Program	<a href="http://www.cdc.gov/vaccines">http://www.cdc.gov/vaccines</a>
NKF	National Kidney Foundation	<a href="http://www.kidney.org">http://www.kidney.org</a>
NOF	National Osteoporosis Foundation	<a href="http://www.nof.org">http://www.nof.org</a>
NTSB	National Transportation Safety Board	<a href="http://www.nts.gov">http://www.nts.gov</a>
SCF	Skin Cancer Foundation	<a href="http://www.skincancer.org">http://www.skincancer.org</a>
SGIM	Society of General Internal Medicine	<a href="http://www.sgim.org">http://www.sgim.org</a>
SKI	Sloan-Kettering Institute	<a href="http://www.mskcc.org/mskcc/html/5804.cfm">http://www.mskcc.org/mskcc/html/5804.cfm</a>
SVU	Society for Vascular Ultrasound	<a href="http://www.svunet.org">http://www.svunet.org</a>
UK-NSH	United Kingdom National Health Service	<a href="http://www.nhs.uk">http://www.nhs.uk</a>
USPSTF	United States Preventive Services Task Force	<a href="http://www.ahrq.gov/clinic/uspstfix.htm">http://www.ahrq.gov/clinic/uspstfix.htm</a>
WHO	World Health Organization	<a href="http://www.who.int/en">http://www.who.int/en</a>

## Appendix (3)

**Discussing the Latest Clinical/Practical Guidelines recommended by major Governmental Agencies & Medical Associations throughout the World in SMSB –Time table 2019-2020**

Number	Date	Time/Wednesday Qatar Time	Title/Guideline/ Activity	Participants/Audience	Plan/Objectives	Key Messages/Recommendations
1	28/08/2019	01:00 PM	As selected by Instructor & physicians as per priority	Physicians	Depend on selected title	Depend on selected title and discussions
2	04/09/2019	01:00 PM	As above	Physicians	As above	As above
3	11/09/2019	01:00 PM	As above	Physicians	As above	As above
4	18/09/2019	01:00 PM	As above	Physicians	As above	As above
5	25/09/2019	01:00 PM	As above	Physicians	As above	As above
6	02/10/2019	01:00 PM	As above	Physicians	As above	As above
7	09/10/2019	01:00 PM	As above	Physicians	As above	As above
8	16/10/2019	01:00 PM	As above	Physicians	As above	As above
9	23/10/2019	01:00 PM	As above	Physicians	As above	As above
10	30/10/2019	01:00 PM	As above	Physicians	As above	As above
11	06/11/2019	01:00 PM	As above	Physicians	As above	As above
12	13/11/2019	01:00 PM	As above	Physicians	As above	As above
13	20/11/2019	01:00 PM	As above	Physicians	As above	As above
14	27/11/2019	01:00 PM	As above	Physicians	As above	As above
15	04/12/2019	01:00 PM	As above	Physicians	As above	As above
16	11/12/2019	01:00 PM	As above	Physicians	As above	As above
17	18/12/2019	01:00 PM	As above	Physicians	As above	As above
18	25/12/2019	01:00 PM	As above	Physicians	As above	As above
19	01/01/2020	01:00 PM	As above	Physicians	As above	As above
20	08/01/2020	01:00 PM	As above	Physicians	As above	As above
21	15/01/2020	01:00 PM	As above	Physicians	As above	As above
22	22/01/2020	01:00 PM	As above	Physicians	As above	As above
23	29/01/2020	01:00 PM	As above	Physicians	As above	As above
24	05/02/2020	01:00 PM	As above	Physicians	As above	As above
25	12/02/2020	01:00 PM	As above	Physicians	As above	As above
26	19/02/2020	01:00 PM	As above	Physicians	As above	As above
27	26/02/2020	01:00 PM	As above	Physicians	As above	As above
28	04/03/2020	01:00 PM	As above	Physicians	As above	As above
29	11/03/2020	01:00 PM	As above	Physicians	As above	As above
30	18/03/2020	01:00 PM	As above	Physicians	As above	As above
31	25/03/2020	01:00 PM	As above	Physicians	As above	As above
32	01/04/2020	01:00 PM	As above	Physicians	As above	As above

33	08/04/2020	01:00 PM	As above	Physicians	As above	As above
34	15/04/2020	01:00 PM	As above	Physicians	As above	As above
35	22/04/2020	01:00 PM	As above	Physicians	As above	As above
<b>RAMADAN/EID HOLIDAYS from 24.04 to 02.06.2020</b>						
36	03/06/2020	01:00 PM	As above	Physicians	As above	As above
37	10/06/2020	01:00 PM	As above	Physicians	As above	As above
38	17/06/2020	01:00 PM	As above	Physicians	As above	As above
39	24/06/2020	01:00 PM	As above	Physicians	As above	As above
40	01/07/2020	01:00 PM	As above	Physicians	As above	As above

## ANNEXES

Annex (1): The instructor/coordinator evaluation sheet

### Instructor/Coordinator

Excellent

Very Good

Good

Fair

Poor

Able to transmit information to participants.

Excellent

Very Good

Good

Fair

Poor

Able to organize the presentations - in terms of clarity.

Excellent

Very Good

Good

Fair

Poor

Able to explain the content.

Excellent

- Very Good
- Good
- Fair
- Poor

Opportunity to discuss, share experiences, learning and to ask questions.

- Excellent
- Very Good
- Good
- Fair
- Poor

Diversity in teaching methods and tools used.

- Excellent
- Very Good
- Good
- Fair
- Poor

Other Comments:

**Training content**

Training content was consistent with listed objectives.

- Excellent
- Very Good

Good

Fair

Poor

Visual aids and handouts used.

Excellent

Very Good

Good

Fair

Poor

Training time keeping.

Excellent

Very Good

Good

Fair

Poor

Training duration.

Excellent

Very Good

Good

Fair

Poor

Training environment was conducive to learning and discussion.

Excellent

Very Good



- Good
- Fair
- Poor

Other Comments:

Annex (2): The self-evaluation sheet

### **The training relevancy**

Generally, I gained new information and knowledge on the subject presented.

- Substantially
- Somewhat
- Not at all

Knowledge obtained supported my learning and development needs.

- Substantially
- Somewhat
- Not at all

I am confident that the application of knowledge, examples, tools and resources, can be applied in practice.

- Substantially
- Somewhat
- Not at all

This program enhanced my knowledge, experience and practice.

- Substantially

- Somewhat
- Not at all

Other Comments: