



TAME

Training Against Medical Error

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1. INTRODUCTION

Projects funded through the programme “Capacity Building in Higher Education” strand aim to support the modernisation, accessibility and internationalisation of higher education in the eligible Partner Countries. This contributes to the development of sustainable and inclusive socio-economic growth in Partner Countries and should ensure development and EU external actions objectives and principles, including national ownership, social cohesion, equity, proper geographical balance and diversity.

Capacity Building Projects are transnational cooperation projects based on multilateral partnerships primarily between higher education institutions (HEIs) from Programme and eligible Partner Countries financed through the above mentioned instruments. They can also involve non-academic partners to strengthen the links with society and business and to reinforce the systemic impact of the projects.

Capacity Building Projects aim to support the modernisation, accessibility and internationalisation of the higher education field in the eligible Partner Countries. They also aim to support eligible Partner Countries to address the challenges facing their higher education institutions and systems, including those of quality, relevance, equity of access, planning, delivery, management, governance.

The successful implementation of joint cooperation projects contributes to cooperation between the EU and the eligible Partner Countries (and amongst the eligible Partner Countries) and promotes voluntary convergence with EU developments in higher education. In parallel, multipartnership projects promote people to people contacts, intercultural awareness and understanding.

One of the main objectives of the TAME project is curriculum restructure with a focus on competence-based learning and assessment systems built around Problem-Based Learning and Virtual Patients, with increased relevance to clinical practice. As part of the main project achievements TAME shall create awareness about the activities performed and the achieved results, obtain useful inputs and feedback, while also fostering the implementation of methodologies developed.

This Dissemination Report provides the complete overview of the dissemination activities implemented in the scope of the project.

2. DISSEMINATION AIMS AND OBJECTIVES

TAME overall objective is to introduce innovative pedagogy methods that will provide training for students against medical error (TAME).

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The goal of dissemination is to take out the information about TAME Project and its results on the levels of faculties, universities, the countries and overseas.

The dissemination of activities performed and results achieved represents one of the most important phases in a research project. In this way, delivering the correct and complete information about the advances which have been accomplished and implemented during TAME to the community of medical education will significantly increase the raising of medical education in the Universities and in the whole countries. Consequently, this will allow for an increase of research this field of studying.

The main dissemination objectives of the project were to raise awareness towards any potentially interested parties and to ensure that the final outcomes of the project were properly communicated and exploited. Therefore, a number of working methods and activities has been organized, in order to guarantee that the most relevant project outcomes are communicated to the widest audience possible, in the most effective way.

3. WORKING METHODS

To achieve this goal, the following working methods were used:

- ✓ The dissemination strategy was planned.
- ✓ Target populations of dissemination were defined.
- ✓ Dissemination tools were selected.
- ✓ Dissemination activities were organized.
- ✓ Moreover, list of dissemination events and list of dissemination publications have been elaborated (Annex A, B).
- ✓ The tables of disseminations were shared via e-mail and Google-drive to all Universities participating in the Project to provide data once in 4 months during the Project.
- ✓ BSMU collected and summarized the information from all Partners.
- ✓ The program dissemination report had been made according to the analysis of received data. Then it had been reported during all working meetings.

Key Dates:

Gathering of information about the performed work:

Beginning – September, 2015

Finishing – January, 2019

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Reports about performed work:

- ✓ 5–8 June, 2016, London, Great Britain
- ✓ 9–11 November 2016, Hanoi, Vietnam
- ✓ 10–13 May 2017, Chernivtsi, Ukraine
- ✓ 3–4 October 2017, Karaganda, Kazakhstan
- ✓ 13–16 May 2018, Hue, Vietnam
- ✓ 25–26 October 2018, London, Great Britain

4. TARGET AUDIENCE

4.1. Identifying TAME target audience

Capacity Building Projects are mainly targeted to participating organisations from Partner Countries. The activities and outcomes described in the proposal must be geared to benefit the eligible Partner Countries, their higher education institutions and systems.

In addition, the Capacity Building in the field of higher education may also benefit from the involvement of associated partners. These organisations (for instance non-academic partners) contribute indirectly to the implementation of specific tasks and support the dissemination and sustainability of the project. TAME contributes to the cooperation between EU and PCMUs through sharing and joint creation of new innovative educational resources. It fosters intercultural awareness and understanding through adaptation of virtual patient cases in each Partner Country Medical University to its local healthcare culture and sharing the experience with other partners. Educational staff improve their level of competence in developing and delivering innovative curriculum.

4.2. Target audience and corresponding dissemination levels

The intended audience of TAME dissemination activities is variant and multifaceted. An attempt has been made to classify the audience into different Target Groups and indicate the dissemination level aspired (Table 1).

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Table 1.

Target Groups and Dissemination Level

<i>Target Group/Dissemination Level</i>	Awareness	Understanding	Involvement	Action	Support
Steering Group	•	•	•	•	•
General Public	•	•			
Academic Institutions	•	•	•		•
Medical Teachers	•	•	•	•	
Medical Doctors	•	•	•	•	
Students	•	•	•	•	
Industry and Business bodies	•	•	•		
Relevant networks and clusters	•	•	•		•
Media (journal publishers etc.)	•	•	•		•
EU bodies (relevant DGs, for a, agencies, communities of practice etc.)	•	•	•		•
Local/National authorities in Partner Countries (ministries, agencies etc)	•	•	•	•	•

5. LEVELS OF DISSEMITATION

5.1. International level

Awareness about project activities, goals and objectives in the international arena was initiated by the European coordinators and in particular, by the representatives of AUTH and BSMU. The active involvement of the six Project participant Universities from three countries (Kazakhstan, Ukraine, Vietnam) was basically reported after one year from the beginning of the program, when the beneficiaries fully understood the essence of the intended changes and they saw the first results. The dissemination effort by our partner universities in order to distribute the program results included a variety of dissemination means.



5.2. National level

5.2.1. National Healthcare

The National healthcare system of a country is the basic regulator of the public health, but influences as well the physical, social and economical welfare of its population. Today, the society objectively admits that the time for complete reorganization and renewal of the country's healthcare system has come, since recent research in these countries has shown that medical profession prestige has been deprived and higher medical education level has fallen.

The correct and complete delivery of the actions of all projects implementing these changes, not only to people working in healthcare, but also to the wider public, is of a great importance for the improvement of the population's psycho-emotional status, something that eventually creates a solid foundation for the stability and development of them.

The results of the Project TAME of teaching medical errors and implementation cases with medical errors into the educational process of teaching students and doctors at medical universities will help doctors avoid some medical errors in their practice. These results were widely presented at many national medical conferences in all partner countries with the participation of doctors of various specialties.

5.2.2. National higher education

In fact, all countries face the demand of creating new, high-quality, result-oriented higher educational spaces. The formation of benevolence towards the changes brought by the project, which determines the successful implementation of the changes made in the curriculum and everyday activities, was carried out on the base of the work inside the universities.

For the purpose of dissemination of the Project within the Universities it was conducted a number of internal master classes and workshops for the staff (internal trainings for tutors, internal trainings for cases creators, internal training for students etc).

At present, Universities continue the dissemination of knowledge and staff training for teaching students by D-PBL method using medical cases with medical errors.

6. DISSEMINATION TOOLS

The dissemination activities performed in TAME project have been aimed at building consensus around the results of the whole project, creating a wide part of medical education community well aware of its achievements. To reach this goal, the following dissemination tools have been utilised, with the purpose of ensuring the optimal coverage of the available means.



6.1. Internal meetings and workshops

During the TAME Project, the consortium held regular scheduled and unscheduled online meetings to discuss the ongoing implementation of Project tasks. Face-to-face meetings of the members of consortium were held twice a year.

A number of internal workshops and trainings were conducted for staff training. Thus, internal trainings were organized by SGUL (Ella Iskrenko and Terry Poulton) to train trainers in the partner universities of Kazakhstan, Ukraine, and Vietnam. Further, in each university the trainers conducted number of tutors and case creators. All participants were issued certificates.

6.2. Scientific conferences

Participation with oral presentations, posters, exhibitions and workshops in scientific national and international conferences so as to present the activities performed, the results achieved, and to gather feedback and suggestions to were planned in higher educational congresses and particularly, in the medical field. This was important for gaining and sharing experiences and significantly affected the quality of the implementation and further development of the Project. In order to disseminate information about the project, TAME Partners developed information flyers in English, Ukrainian, Russian, Kazakh and Vietnamese, which were shared at conferences of various levels.

6.3. Publications

The publication of abstracts and articles in qualified journals guarantees an effective dissemination of specific project results, allowing targeting groups of experts in the sectors addressed by TAME such as experience of training and teaching, experience in creating new cases, the results of the analysis of student assessment etc.

7. LIST OF DISSEMINATION ACTIVITIES

7.1. Scientific conferences

The Project results were highlighted at many national and international conferences, symposiums for different target groups (medical doctors, teachers, students, interns, scientists). The TAME project has shared its outputs with the WAVES network (<http://wavesnetwork.eu/>) through joint events: 1) 1st event “We are our choices”: learning decision-making through scenarios” in June, 2016 2) “We are our choices: Learning to Make Good Decisions” in October 2018. The WAVES network aims to widen the access to scenario based learning (SBL), it has produced a toolkit which organizations can use to create scenarios. TAME disseminated how the scenarios were used to

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train against medical error at the WAVES multiplier event, leading to lots of discussions on the area and potential new collaborations.

The Project results also were widely reported at international educational conferences including the Conferences of Association of Medical Education in Europe (AMEE 2016, 2017, 2018); international conferences of Czech and Slovak faculties of medicine, focused on e-learning and medical informatics in the education of medical disciplines (MEFANET 2017, 2018); International medical and pharmaceutical congress of students and young scientists "Innovations and prospects of modern medicine" (BIMCO 2016, 2017, 2018).

7.1.1. Moderating of conferences

Eleven conferences were moderated by members of TAME project: 7 at the international level, 1 at the national level, 3 at the institutional level.

#	Title	Date	Place	Language	Responsib leorganisa tion	Number of presentations
1.	Scientific and Methodological Conference "Actual issues of higher medical and pharmaceutical education: experience, problems, innovations and modern technologies" Satellite section "Implementation of problem-based learning as part of the grant project Erasmus + Tame"	20 April, 2016	BSMU Chernivtsi, Ukraine	Ukrainian	BSMU	7 oral presentations
2.	All-Ukrainian science and methodical conference with international participation "Current issues of distance education and telemedicine 2016"	13-14 October, 2016	Zaporizhzhia, Kyiv	Ukrainian	ZSMU	2 oral presentations
3.	London Multilier event "We are our choices" – Learning decision-making through scenarios"	08 June, 2016	London, UK	English	SGUL	1 oral presentation
4.	Satellite symposium "Modern technologies and innovations in teaching pediatrics and pulmonology in the framework of Scientific-	25-26 October, 2016	BSMU Chernivtsi, Ukraine	Ukrainian Russian English	BSMU	Publication of abstracts

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	practical conference "Actual problems of diagnostics and treatment of allergic and non-allergic. Diseases of the respiratory system in children "					
5.	Satellite section "First results and features of implementation of problem-based learning in framework of the grant project Erasmus + Tame" Scientific and Methodological Conference "Actual issues of higher medical and pharmaceutical education: experience, problems, innovations and modern"	19 April, 2017	BSMU Chernivtsi, Ukraine	Ukrainian	BSMU	8 oral presentations
6.	IV International Central Asian Scientific and Practical Conference «Internationalization of medical education», Section «TAME»	2 October, 2017	KSMU, Karaganda	Russian English	KSMU	12 oral presentations (All partners)
7.	All-Ukrainian science and methodical conference with foreign participation "Current issues of distance education and telemedicine 2018" (Round-table conference in the frames of the TAME project)	25-26 April, 2018	ZSMU Zaporizhzhia Ukraine	Ukrainian/ English	ZSMU	8 oral presentations
8.	Satellite symposium "Implementation of problem-based learning as part of the grant project Erasmus + Tame" Scientific and Methodological Conference "Actual issues of higher medical and pharmaceutical education: experience, problems, innovations and modern"	18 April, 2018	BSMU Chernivtsi, Ukraine	Ukrainian	BSMU	9 oral presentations

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9.	11th international conference of Czech and Slovak faculties of medicine, focused on e-learning and medical informatics in the education of medical disciplines – MEFANET-2017	28–29 November, 2017	Brno, Czech Republic	English	ZSMU, MU	3 oral presentations
10.	3 rd International Conference on medical education informatics (Section TAME)	6-7 September, 2018	LEEDs, UK	English	All partners	8 oral presentation -, 4 posters
11.	London Multilier event “We are our choices” – Learning decision-making through scenarios”	24 October, 2018	London, UK	English	SGUL	2 oral presentations

7.1.2. Oral presentations

Partners actively presented the results of the project at conferences of various levels, including oral presentations. So, apart from moderation of conferences (See 7.1.1), 30 oral presentations were held at 24 conferences (19 at the international level).

#	Title	Date	Place	Language	Responsible organisation
1.	Scientific conference with international participation "Actual issues of quality of medical education" http://conference.tdmu.edu.ua/ Prospects for introduction of problem-based learning in medical universities.	12-13May, 2016	TDMU, Ternopil, Ukraine	Ukrainian	BSMU Garas M.
2.	Regional conference “The multidisciplinary approach to the diagnosis and treatment of diseases of children and adolescents: the state of the problem and ways to implement, “Patient-oriented approach in physician training system: Teaching against medical errors in pediatry”	20, May, 2016	Karaganda, Kazakhstan	Russian	KSMU Tukbekova B.
3.	ROSMEDOBR , the V Congress of the Russian society of a simulation training in medicine, rosomed, “Outcome-based learning: TAME”	29-30 September, 2016	Zachatayevsk, Russia, Moscow, ROSMEDOBR	Russian	AMU
4.	Presentation on the project	22 September,	Oncological	Russian	AMU

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	TAME	2016	clinic. Pavlodar		
5.	Conference of Association of Medical Education in Europe (AMEE 2016). "Training against medical error (TAME), a curriculum transformation."	29-31 August, 2016	Centre de Convencions Internacional de Barcelona (CCIB), Barcelona, Spain	English	SGUL Trupti Jivram
6.	Conference of Association of Medical Education in Europe (AMEE 2016). "Fostering Innovation and Change in Medical Education: The Durable Impact of Awards and Grants."	29-31 August, 2016	Centre de Convencions Internacional de Barcelona (CCIB), Barcelona, Spain	English	SGUL Terry Pulton
7.	EAI International Conference on AAL Technologies based on Internet of Things. Keynote presentation: "IoT facilitation of exergaming/training and senior daily living activities "on the wild": experiences from one year continuous recordings "	14 June, 2016	Budapest, Hungary	English	AUTH Panagiotis Bamidis
8.	IEEE CBMS 2016 Conference: Presentation by Panagiotis Bamidis to the CBMS Conference Committee.	21 June, 2016	Belfast, Northern Ireland	English	AUTH Panagiotis Bamidis
9.	Clinical and practical skills of students: Presentation "Implementation of medical error VP pediatric cases using D-PBL methodology for development of key competences of students"	21 February, 2017	KSMU	Russian, Kazakh	KSMU Tukbekova Bibigul,
10.	Clinical and practical skills of students: report "Development of clinical skills of through the new teaching approaches of 4-year medical students"	21 February, 2017	KSMU	Russian, Kazakh	KSMU Bota Kysabekova
11.	II Scientific Conference of Young Scientists with international participation "Problem today in Pediatrics"	9 February, 2017	Ukraine, Kharkiv State institution "Institute of Child and Adolescent Health"	Ukrainian	BSMU, Garas M.
12.	All-Ukrainian science and methodical conference with foreign participation "Current issues of distance education and telemedicine 2016 Distant e-presentation "Prerequisites and challenges of implementation problem-based learning as part	13-14 October, 2016	Ukraine, ZSMU	Ukrainian	BSMU, Bogutska N.

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	of TAME Project at the department of pediatrics and children's infectious diseases"				
13.	Lecture in school of young teacher "The concept and methodology of problem-based learning in virtual patients".	1 February, 2017	Ukraine, BSMU	Ukrainian	BSMU, Bilous T.
14.	Features of teaching pediatrics on the methodology of problem-oriented learning (experience of implementing of the project TAME) - Scientific and Methodological Conference "Actual issues of higher medical and pharmaceutical education: experience, problems, innovations and modern"	19 May, 2017	Ukraine, BSMU	Ukrainian	BSMU, <u>Bilous T.</u> Koloskova O.
15.	IV International medical and pharmaceutical congress of students and young scientists "Innovations and prospects of modern medicine" BIMCO – Trainings for teachers of pediatric profiles by the method of Problem-based learning: advantages and disadvantages (in framework of Grant Project ERASMUS + "TAME")	5-7 April, 2017	Ukraine, BSMU	Ukrainian	BSMU, <u>Bilyk G.A.</u> Bilous T.M.
16.	Enabling multi-institutional implementation of new interactive learning technologies across multicultural contexts: Holistic train-the-trainer approach - Oral presentation at AMEE 2017 conference, Helsinki	28 August, 2017	Helsinki, Finland	English	KSMU, SGUL Ella Iskrenko - Poulton
17.	Evaluating the Training Against Medical Error project – Measuring the impact on learners across multiple countries - Oral presentation at AMEE 2017 conference, Helsinki	28 August, 2017	Helsinki, Finland	English	SGUL
18.	Training Against Medical Error (TAME) using Virtual Patients	05 June., 2017	Baltimore, USA	English	SGUL
19.	Central Methodological Council Session "Paediatrics in the frames of TAME Project realization"	25 May, 2017	Ukraine	Ukrainian	ZSMU Olena Furyk
20.	The 1st Annual National Vietnam Medical Education Conference: Preparing 21st century physicians 'Training Against medical errors using virtual patients as an	2-3 December, 2017	Ho Chi Minh city, Vietnam	Vietnamese-English	HUMP Hung Nguyen Van

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	alternative approach for competency-based education'				
21.	JSC "AMU" information session of the "Erasmus + in Kazakhstan" program was held. The purpose of the session was to familiarize the University staff about the implementation of current projects and to acquaint them with the requirements of the Fourth Erasmus + Call. At this session, the project coordinator Syzdykova A.S. presented the results of TAME working team for 2 years (2015-2017).	06 December, 2017	AMU	Russian	AMU
22.	Implementation of problem based learning in study of paediatrics by students of senior courses in medical university V International Medical and Pharmaceutical Congress of Students and Young Scientists BIMCO 2018	04 April, 2018	BSMU	Ukrainian	BSMU Andriets V., Bogach T, Gidora S., Kyzyma I. (students)
23.	Efficiency of study of paediatrics in medical university by problem-based method V International Medical and Pharmaceutical Congress of Students and Young Scientists BIMCO 2018	04 April, 2018	BSMU	Ukrainian	BSMU Bilyk G.
24.	The experience of creating scenarios for "virtual patients" within the framework of the grant project Erasmus + TAME Scientific and Methodological Conference "Actual issues of higher medical and pharmaceutical education: experience, problems, innovations and modern"	18 April, 2018	BSMU	Ukrainian	BSMU Garas M.
25.	Problem-based learning with virtual patients promotes effective self-directed constructive learning, but at what cost of student wellbeing and cognitive engagement - Conference of Association of Medical Education in Europe (AMEE 2018).	25-29 August, 2018	Bazel, Switzerland	English	KSMU (V. Riklefs)
26.	The experience of introducing a problem-based learning method at a medical university within the framework of the Grant Project	19-21 September, 2018	Kharkiv, Ukraine	Ukrainian	BSMU Koloskova O. Bilous T.

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	TAME - XX All-Ukrainian Scientific and Practical Conference "Actual Issues of Pediatrics" (Sidelnikov Readings)				
27.	Virtual patients in Medical Education. NET and RCC Academy.	22-23 November, 2018	Brno, Czech Republic		SGUL Ella Iskrenko-Poulton
28.	Students survey within the tame: training against medical error project: choosing the tool, results of the survey. MEFANET, 12th international conference of medical and healthcare academic institutions in Czechia and Slovakia	27 November, 2018	Pilsen, Czech Republic	English	ZSMU Andrii Bilyi
29.	Results of implementation of decision-problem based learning with virtual patients in surgery in the frames of tame: training against medical error project realization. -MEFANET, 12th international conference of medical and healthcare academic institutions in Czechia and Slovakia	28 November, 2018	Pilsen, Czech Republic	English	ZSMU Alona Pavlenko
30.	Training against medical errors by using virtual patients as an alternative effective approach for competency-based medical education - the 2nd annual national Vietnam medical educational conference	1-2 December, 2018	Hanoi, Vietnam	English	HUMP Nguen Van Hung

7.1.3. Poster Presentations

Poster presentations were presented at some of international conferences including conferences of International Association for medical education in Europe (AMEE-2016, 2017, 2018).

This section not include the information about poster presentations which is presented in Section 7.1.1 "Moderating of conferences".

#	Title	Date	Place	Language	Responsible organisation
1.	Teaching about medical error: is there a way to do it? - Conference of Association of Medical Education in Europe -	27-31 August, 2016	Centre de Convencions Internacionals de	English	KSMU, KSMU SGUL

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	AMEE 2016.		Barcelona (CCIB), Barcelona, Spain		
2.	Poster to educational methodical conference with the international participation	08 September, 2016	AMU	Russian, Kazahk	AMU
3.	The international conference on medical education "Health Professions Education without Borders" (IMEC - 2017) was held in Kuala Lumpur (Malaysia)." Poster presentation– adaptation of pediatric cases in the international project "Teaching against medical errors (TAME) "	7-9 April, 2017	Kuala-Lumpur, Malaysia	English	KSMU B.Tukbekova, G.Kemelova, Sh. Kaliyeva, L.Najaryan. S.Dussenova
4.	"Adapting virtual patient cases to language and culture: how not to throw the baby out with the bathwater?" International Association for medical education in Europe - AMEE2017	27th - 30th of August 2017	Helsinki, Finland	English	KSMU
5.	"Virtual patients in training against medical error: student experience of working with paediatric cases" - International Association for medical education in Europe – AMEE 2017	27th - 30th of August 2017	Helsinki, Finland	English	KSMU
6.	Presented a poster at SGUL education day (internal) about the project	Nov 2017	SGUL education day UK	English	SGUL
7.	11th international conference of Czech and Slovak faculties of medicine, focused on e-learning and medical informatics in the education of medical disciplines Implementation of training on virtual patients at Zaporozhye State Medical University	28–29 November, 2017	Brno, Czech Republic	English	MU
8.	Virtual patients in training against medical errors: does group dynamic	25-29 August, 2018	Bazel, Switzerland	English	KSMU

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influence outcome? - International Association for medical education in Europe - AMEE2018				
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7.2. Workshops

Within the framework of the project TAME, 20 workshops were held to spread the PBL methodology in Ukraine, Kazakhstan and Vietnam.

#	Title	Date	Place	Language	Responsible organisation
1.	Face-to- Face TAME training for UKM and USIM.	21-22 March, 2016	Malaysia	English	SGUL
2.	Face-to- Face TAME training for KSMU, AMU	29-30 March, 2016	Kazakhstan	English	SGUL
3.	Face-to- Face TAME training for HMU, HUMP	24-25 May, 2016	Vietnam	English	SGUL
4.	Face-to- Face TAME training for BSMU, ZSMU	16-17 May, 2016	ZSMU, Ukraine	English / Russian	SGUL (Ella Iskrenko, Terry Pulton)
5.	Face-to- Face TAME training for tutors (ZSMU)	4-7 July, 2016	ZSMU	Ukrainian	ZSMU
6.	Face-to- Face TAME training for tutors (BSMU)	7, 9 September, 2016	BSMU	Ukrainian	BSMU
7.	Face-to- Face TAME training for case writers	5-6 December, 2016	London	English	SGUL for all Partners
8.	Face-to- Face TAME training for case writers (BSMU)	2-3 February, 2017	BSMU	Ukrainian	BSMU
9.	Face-to- Face TAME training for case writers (ZSMU)	February, 2017	ZSMU	Ukrainian	ZSMU
10.	Face-to- Face TAME training for tutors (ZSMU)	1 November, 2017	ZSMU	Ukrainian	ZSMU
11.	Face-to- Face TAME training for tutors (BSMU)	13 November, 2017	BSMU	Ukrainian	BSMU
12.	Face-to- Face TAME training for tutors - medical errors (KSMU)	16-17 September, 2016	KSMU	Russian	KSMU
13.	Face-to- Face TAME training for tutors – D-PBL method (KSMU)	12-13 October, 2016	KSMU	Russian	KSMU
14.	Face-to- Face TAME training for tutors (AMU)	20-21 September, 2016, 2016	AMU	Russian	AMU
15.	Face-to- Face TAME training for tutors (HUMP)	4-7 December,	HUMP	Vietnamese	KSMU

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		2016			
16.	Face-to- Face TAME training for tutors (HMU)	20-21 December, 2016	HMU	Vietnamese	AMU
17.	Face-to- Face TAME training for case writers (KSMU)	27-28 December, 2016	KSMU	Russian	KSMU
18.	Face-to- Face TAME training for case writers (AMU)	7-8 February, 2017	AMU	Russian	AMU
19.	Face-to- Face TAME training for case writers (HUMP)	4-5 June, 2017	HUMP	Vietnamese	KSMU
20.	Face-to- Face TAME training for case writers (HMU)	20-21 June, 2016	HMU	Vietnamese	AMU

7.3. Master classes

Internal Master classes for new teachers were organized for the teachers who would like to who to learn D-PBL method and improve their knowledge of medical errors.

#	Title	Date	Place	Language	Responsible organisation	Target Auditory
1	Master class on PBL in the frames of the Project.	04 –05 February, 2016	ZSMU	Ukrainian	ZSMU for BSMU	Tutors from BSMU
2	Master class of D-PBL In the frames of Annual All-Ukrainian science and methodical conference with foreign participation “Current issues of distance education and telemedicine 2016”	13-14 October, 2016	Ukraine	Ukrainian	ZSMU	Teachers, students
3	Master class on PBL+ virtual patient in “School of a young teacher”	01 March, 2017	BSMU	Ukrainian	BSMU	Young teachers
4	«Problem -oriented training with application of virtual patients”	02-06 October, 2017	Karaganda	Russian English	KSMU, SGUL	Teachers, students
5	In the frames of Annual All-Ukrainian science and	October	Ukraine	Ukrainian	ZSMU	Teachers,

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	methodical conference with foreign participation “Current issues of distance education and telemedicine 2016”					students
6	"Methodology of problem-based education to avoid medical errors in pediatrics" V International Medical and Pharmaceutical Congress of Students and Young Scientists BIMCO 2018	5 April, 2018	BSMU	Ukrainian	BSMU	Students
7	Master class on PBL+ virtual patient in “School of a young teacher”	16 April, 2018	BSMU	Ukrainian	BSMU	Young teachers

7.4. Leaflets

Various leaflets and brochures were prepared by all partners of the consortium on various topics. These were useful disseminating information on the project's outcomes in relevant events and conferences. They were also used to disseminate information within each partner's institution, especially the Partner Countries who are encouraged to create or re-create leaflets and posters in their local languages.

7.5. Appearance on the Academic Council

The project results were annually reported to Academic Councils of partner universities in Kazakhstan, Ukraine, and Vietnam.

7.6. Monitoring visits

The National Erasmus+ Offices in Kazakhstan and Ukraine monitored the Project on behalf of EACEA. The aim of monitoring visits were eager to have a better overview of the funded project, its objectives and results and to become better acquainted with the institutions and stakeholders involved. The purpose of the visits were to learn about the activities realised and products developed so far, as well as to observe if the project had encountered any problems in operational and/or financial implementation that can be discussed and solved. After the monitoring, the EACEA sent the Coordinator the written feedbacks on the monitoring visit with recommendations.

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#	Title	Date	Place	Language	Responsible organisation
1	Monitoring visit of Erasmus Office	30 March, 2016	Kazakhstan	Russian	KSMU AMU
2	NEO Monitoring Mission	20 May, 2016	Ukraine, ZSMU	Ukrainian	ZSMU BSMU
3	NEO Monitoring Mission	15 June, 2018	Ukraine, BSMU	Ukrainian	ZSMU BSMU
4.	Monitoring visit of Erasmus Office	21 October, 2018	Kazakhstan	Russian	KSMU AMU

7.7. Other activities (promotion materials)

Banners, booklets, video (<https://m.youtube.com/watch?feature=youtu.be&v=S735GddEKSk>), calendars, pens, flash drives, highlighter, umbrellas, gingerbread and branded paper packages with TAME emblem were made in each Institution for promotion of the TAME project among participants of conferences, workshops, master-classes.

Facebook page created in 2016 and was integrated into the TAME project web-site home page. Besides, a closed Facebook group for tutors was created on June 13, 2016 and called Trainings Against Medical Errors: Clinical Tutors training. The main goal of this group was to share the experience in TAME Project aiming on improvement of clinical training of medical students and junior doctors between new tutors.

8. PUBLICATIONS

During the TAME 91 works were published, among which 9 articles, 5 manuals, 77 abstracts in Abstract Books of the conferences, congresses etc. The publication of articles in qualified journals guarantees an effective dissemination of specific project results, allowing targeting groups of experts in the sectors addressed by TAME.

8.1. Articles

To share the project progress with with education and scientific communities, partners of the Project drafted articles and other contributions for the dedicated journals. The project's results

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were published in medical and educational journals as partner countries, and outside (Russia, Hungary, Poland).

№	Title of publication	Title of journal, publishing house	City, country	Language of article	Author names
1.	Electronic virtual medical patients of Open Labyrinth platform as simulative modality in training of graduate students against medical errors in pediatrics	Research papers Volume of the scientific conference with international participation "Higher medical education: current challengers and prospects", 2017. – P.19-23	Kyiv, Ukraine	English	BSMU Bogutska N.K.
2.	The application of elements of decision based learning (DBL) methods in Medical University	Collection of articles of the XI international scientific-practical conference "European scientific conference", Penza, Russia, 2018. – P.191-193	Penza, Russia	Russian	AMU K. Chamchiev M. Janalieva Sh. Madiyeva K. Tulieva
3.	The application of elements of decision based learning (DBL) methods in medical university.	XI International scientific conference "European scientific conference", 07 Sept.2018, P.191-193, Penza	Penza, Russia	Russian	AMU Khamchiyev K.M. Zhanaliyeva M.K. Madiyeva S.A. Tuliyeva A.M.
4.	Experience of implementing of problem-based learning in studying the childhood diseases by graduate students under the grant Project ERASMUS + (anonymous survey results)	Problems of uninterrupted medical training and science ,Charkiv, #1(24)2017. – P.16-20 (Google Scholar)	Charkiv, Ukraine	Ukrainian	BSMU Bilous T. Garas M. Lekhkun G.
5.	Implementation of hybrid curriculum in pediatrics with elements of problem-based learning in the project «TAME» (training against medical errors) to prevent medical errors	Smolensk Medical Almanac series "Pedagogy of the high school" interdisciplinary approach in the Higher Education, #2, 2017. – P.58-62.	Smolensk, Russia	Russian	BSMU Bogutska N.

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6.	The use of problem-based learning in the study of children's diseases by graduate students (within the grant project ERASMUS+)	Smolensk Medical Almanac "Pedagogy of the high school" interdisciplinary approach in the Higher Education, #2, 2017. – P.62-66.	Smolensk, Russia	Russian	BSMU Garas M.
7.	Experience of creating scriptures of "virtual patients" in the implementation of the problem based training of medical students under the grant project TAME ERASMUS+.	The scientific heritage. – 2018. - №26, Ch.3. – P. 12-14. Index Copernicus	Hungary	English	BSMU Garas M.
8.	Efficacy of teaching medical students by problem-based learning method	Journal of Education, Health and Sport. - Vol.8 #8. - 2018. - P.1217-1226. Index Copernicus	Poland	English	BSMU, KSMU O. Koloskova T. Bilous G. Bilyk S. Kalieva V. Riklefs G. Abakassova A. Muratova
9.	Experience of implementation of D-PBL methodology with virtual patients and medical errors in surgery at Zaporizhzhia State medical University	Materials of the XIII International Scientific and Practical Conference "Higher Education of Ukraine within Integration into the European Educational Space". #6, Book 2., Volume II.– P.49-56.	Kyiv, Ukraine	English	ZSMU Avramenko M.O. Furyk O.O.

8.2. Abstracts

During the Project 75 abstracts were published in local, national and international levels. Abstracts included the results of the project at different stages and contributed to the wide dissemination of information about the project and its results (Annex C).

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8.3. Other activity

According to the results of the Project and the methodology of D-PBL 5 manuals and 2 guides for teaching staff and students were issued.

#	Title of publication	Type of scientific publication	Title of manual	City, country	Language	Date	Author names
1	Standardized patient in the educational process.	Guide for teaching staff of Medical HEIs	Karaganda State Medical University.- 2018.-179 p.	Karaganda, Kazakhstan	Russian	2018	KSMU G.S. Kemelova D.B. Aimbetova Zh.S.Issatayeva
2	Standardized patient in the educational process.	Guide for teaching staff of Medical HEIs	Karaganda State Medical University.- 2018.-179 p.	Karaganda, Kazakhstan	Kazakh	2018	KSMU G.S. Kemelova D.B. Aimbetova Zh.S.Issatayeva
3	Clinical cases of virtual patient with medical errors: tutor's manual	Manual for teaching staff of Medical HEIs	Karaganda State Medical University.- 2018.-89 p.	Karaganda, Kazakhstan	Russian	2018	KSMU, team of authors (14)
4	Clinical cases of virtual patient with medical errors: tutor's manual	Manual for teaching staff of Medical HEIs	Karaganda State Medical University.- 2018.-89 p.	Karaganda, Kazakhstan	Kazakh	2018	KSMU, team of authors (14)
5	Clinical cases with medical errors in pediatrics "for students of the specialty" General Medicine "	Manual for teaching staff of Medical HEIs	Karaganda State Medical University.- 2018.-130 p.	Karaganda, Kazakhstan	Russian	2018	KSMU, team of authors (16)

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6	Clinical cases with medical errors in pediatrics "for students of the specialty" General Medicine "	Manual for teaching staff of Medical HEIs	Karaganda State Medical University.- 2018.-179 p.	Karaganda, Kazakhstan	Kazakh	2018	KSMU, team of authors (16)
7	The experience of implementing the D-PBL method with the use of Virtual Patients at Zaporozhye State Medical University	Manual for teaching staff of Medical HEIs	Zaporozhye State Medical University	Zaporizhzhia, Ukraine	Ukrainian	2018	ZSMU Avramenko M.O., Furyk O.O., Kostrovskiy O.M., Kapshytar O.O., Bilai A.I., Voloshyn O.M., Bilyi A.K.

9. SUMMARY

The TAME project results were widely disseminated at different levels (institutional, national, international).

Project outcomes were presented to broader medical education community: moderating of 11 conferences including 60 oral presentations and 4 posters, participation in 24 conferences (15 at the international level).

Other dissemination activities included project flyers, booklets, video, promotion materials (highlighters, umbrellas, flesh cards, pens, calendars, bags etc.) and social and network activities.

Project outcomes are published locally and internationally: 75 abstracts, 9 articles, 5 manuals and 2 guides.

According to the Sustainability strategy, the project results will be further disseminated at conferences, congresses, and journals.

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10. APPENDIX A

TABLE FOR DISSEMINATION ACTIVITIES (EVENTS)

No	Type of dissemination	Title and level of conference (congress, seminar, other event)	Date	Place	Language	Responsible organisation	Status	Comments
1.	Publications on web-sites							
		Web page of the Project on University's web-site http://www.zsmu.edu.ua/tip_910.html http://int.zsmu.edu.ua/p_tame.html http://int.zsmu.edu.ua/p_1018.html	2015 - 2018		Ukrainian / English	ZSMU	done, in progress	Information on the site is constantly updated
2.	Meeting or discussion (except management meetings incl. on-line)	Internal meetings	during the year	BSMU, ZSMU	Ukrainian	BSMU ZSMU	in progress	

11. APPENDIX B

TABLE FOR TAME SCIENTIFIC PUBLICATIONS

No	Title of publication	Type of scientific publication	Title of journal, publishing house	City, country	Language	Date	Author names
1	The concept of problem-based learning: the possibility of using in medical university	Abstract	Materials of Scientific and Methodological Conference "Actual issues of higher medical and pharmaceutical education: experience, problems, innovations and modern technologies". – P.118-	Chernivtsi, Ukraine	Ukrainian	20 April, 2016	BSMU Koloskov a.O.K., Bilous T. M.

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			119.				
2	Using problem-based learning (PBL) in medicine	Abstract	Materials of Scientific and Methodological Conference "Actual issues of higher medical and pharmaceutical education: experience, problems, innovations and modern technologies". – P.117-118.	Chernivtsi, Ukraine	Ukrainian	20 April, 2016	BSMU Koloskova O.K., Bilyk G.A.
3	Using of the virtual patients in training of pediatrics	Abstract	Materials of Scientific conference with international participation "Actual issues of quality of medical education". - p. 332-333.	Ternopil, Ukraine	English	May 12-13, 2016	BSMU Bogutska N.K.

12. APPENDIX C

TABLE OF ABSTRACTS

#	Title of publication	Title of abstract	City, country	Language	Date	Author names
1	The concept of problem-based learning: the possibility of using in medical university	Materials of Scientific and Methodological Conference "Actual issues of higher medical and pharmaceutical education: experience, problems, innovations and modern technologies". – P.118-119.	Chernivtsi, Ukraine	Ukrainian	20 April, 2016	BSMU Koloskova O.K., Bilous T.M.
2	Using problem-based learning (PBL) in medicine	Materials of Scientific and Methodological Conference "Actual issues of higher medical and pharmaceutical education: experience, problems, innovations and modern technologies". – P.117-118.	Chernivtsi, Ukraine	Ukrainian	20 April, 2016	BSMU Koloskova O.K., Bilyk G.A.

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3	Using of the virtual patients in training of pediatrics	Materials of Scientific conference with international participation "Actual issues of quality of medical education". - p. 332-333.	Ternopil, Ukraine	English	May 12-13, 2016	BSMU Bogutska N.K.
4	Stages of innovation technologies implementation in to the training in paediatric field	Materials of Scientific and Methodological Conference "Actual issues of diagnostics and treatment of allergic and non-allergic diseases of children respiratory system"..- P.3-4.	Chernivtsi, Ukraine	Ukrainian	25-26 October, 2016	ZSMU Avramenko M. O. Furyk O.O. Iurchenko I.O. Filatova O.O.
5	Peculiarities of the problem-based learning focused on Virtual Patients	All-Ukrainian science and methodical conference with foreign participation "Current issues of distance education and telemedicine 2016.- P.4-5.	Zaporizhzhia, Kyiv, Ukraine	Ukrainian	13-14 October, 2016	ZSMU Furyk O.O., Onishchenko T.Ye,
6	Role of a tutor in the problem-based learning	All-Ukrainian science and methodical conference with foreign participation "Current issues of distance education and telemedicine 2016" – P.166-167	Zaporizhzhia, Kyiv, Ukraine	Ukrainian	13-14 October, 2016	ZSMU Furyk O.O. Yurchenko I.O.
7	First objective results of training of students focused on PBL: results of the Licensing examination STEP 1	All-Ukrainian science and methodical conference with foreign participation "Current issues of distance education and telemedicine 2016" – P.166-169	Zaporizhzhia, Kyiv, Ukraine	Ukrainian	13-14 October, 2016	ZSMU Avramenko M.O., Sychoy R.O., Cherkovska O.S., Furyk O.O.
8	Using problem-based learning (PBL) in Grant project of ERASMUS+ "TAME"	Materials of Scientific conference with international participation "Actual issues of quality of medical education". - P. 348.	Ternopil, Ukraine	Ukrainian	May 12-13, 2016	BSMU Koloskova O., Bilyk G., Bilous T.
9	Prospects for introduction of problem-based learning in medical universities.	Materials of Scientific conference with international participation "Actual issues of quality of medical education". - P. 343.	Ternopil, Ukraine	Ukrainian	May 12-13, 2016	BSMU Garas M.
10	International project ERASMUS + «Training against medical errors	„The collection of materials in the scientific practical conference "Actual questions of pediatric surgery,	Astana, Kazakhstan	Russian	November 10, 2016	AMU Syzdykova A.S., Bukeeva Zh.K.

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	– TAME» in JSC “Astana Medical University”	pediatricsandtraumatology – orthopedics,, P. 49-50				NurpeissovaR .G.Bilan-Kotelnikova L.I.
11	Training to avoid medical errors - TAME project	Materials ofthe International Scientific andPractical Conference "VIII Toraigyrov's Readings" dedicatedtothe 25th anniversaryof Independence ofKazakhstan, P. 292-293.	Pavlodar, Kazakhstan	Russia	October 10, 2016	AMU Syzdykova A.S., BukeevaZh.K., Nurpeissova R.G. Bekbergenov aZh. Suleymenova D. Zhakupbekov a M.
12	Virtual patients in training against medical error: student experience of working with paediatric cases	International Conference of Association of Medical Education in Europe (AMEE 2017)	Helsinki, Finland	English	26-30 August, 2017	KSMU, SGUL SholpanKaliyeva, ViktorRiklefs, LukeWoodham, TerryPoulton, AlmaMuratova, GulmiraAbakassova
13	Adapting virtual patient cases to language and culture: how not to throw the baby out with the bathwater?	International Conference of Association of Medical Education in Europe (AMEE 2017)	Helsinki, Finland	English	26-30 August, 2017	KSMU AbakassovaGulmira, RiklefsViktor, KaliyevaSholpan, MuratovaAlma
14	The experience of adaptation of D-PBL cases for Kazakh students for TAME project	Scientific-practical conference "Actual problems of diagnostics and treatment of allergic and non-allergic. Diseases of the respiratory system in children "with a satellite symposium" Modern Technologies and innovations in teaching pediatrics and pulmonology "	Chernovtisi , Ukraine	Russia	25-26 October, 2016	KSMU Muratova Alma Dobler Kristina AhayevaArda k RiklefsViktorKaliyevaSholpan AbakassovaGulmira

D.5.2. Dissemination events and publications



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15	The modification of educational program of KSMU in the field of Erasmus+ TAME project	Scientific-practical conference "Actual problems of diagnostics and treatment of allergic and non-allergic. Diseases of the respiratory system in children "with a satellite symposium" Modern Technologies and innovations in teaching pediatrics and pulmonology"	Chernovtsi, Ukraine	Russia	25-26 October, 2016	KSMU KaliyevaSholpanMuratova Alma Riklefs Viktor AbakassovaGulmira KemelovaGulshat NajaryanLilit
16	Perspectives of implementation of innovative technologies into medical education	Materials of Scientific and Methodological Conference "Actual issues of higher medical and pharmaceutical education: experience, problems, innovations and modern technologies"	Chernivtsi, Ukraine	Ukraine	20/04/2016	ZSMU O.O. Furyk, O. V. Riabokon T. Ye. Onishchenko D.A. Zadyraka
17	Experience of using virtual patients in Teaching of pediatrics as a step for preparing of TAME Project	Scientific-practical conference "Actual problems of diagnostics and treatment of allergic and non-allergic. Diseases of the respiratory system in children "with a satellite symposium" Modern Technologies and innovations in teaching pediatrics and pulmonology"	Chernovtsi, Ukraine	Ukraine	25-26 October, 2016	BSMU Bogutska N.
18	Importance of evaluation psychological characteristics of students in preparing for TAME project by method of problem-based learning in department of pediatrics and children's infectious diseases	Scientific-practical conference "Actual problems of diagnostics and treatment of allergic and non-allergic. Diseases of the respiratory system in children "with a satellite symposium" Modern Technologies and innovations in teaching pediatrics and pulmonology"	Chernovtsi, Ukraine	Ukraine	25-26 October, 2016	BSMU Bogutska N.

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19	Medical errors: new possibilities of training future professionals to avoid errors in pediatrics	Scientific-practical conference "Actual problems of diagnostics and treatment of allergic and non-allergic. Diseases of the respiratory system in children "with a satellite symposium" Modern Technologies and innovations in teaching pediatrics and pulmonology"	Chernovtsi, Ukraine	Ukrainian	25-26 October, 2016	BSMU Gerush I. Koloskova O. Bilous T. Bilyk G.
20	Problem-based learning and technical implementation and creation models of virtual patients	Scientific-practical conference "Actual problems of diagnostics and treatment of allergic and non-allergic. Diseases of the respiratory system in children "with a satellite symposium" Modern Technologies and innovations in teaching pediatrics and pulmonology". – P. 52-54	Chernovtsi, Ukraine	Ukrainian	25-26 October, 2016	BSMU Sazhyn S.
21	Problem-based learning graduate students of discipline "Pediatrics, childhood infections"	All-Ukrainian science and methodical conference with foreign participation "Current issues of distance education and telemedicine 2016"- P.160-161	Zaporizhzhia, Kyiv, Ukraine	Ukrainian	13-14 October, 2016	BSMU Tarnavska S.
22	Peculiarities of implementation problem-based learning of pediatrics by graduate students	Materials of II Scientific Conference of Young Scientists with international participation "Problem today in Pediatrics". – P.13	Kharkiv, Ukraine	Ukrainian	February 9, 2017	BSMU Garas M.
23	Trainings for teachers of the pediatric community based on the method of problem-based learning: advantages and disadvantages (within the framework of the grant project Erasmus + "TAME")	IV International Medical and Pharmaceutical Congress of Students and Young Scientists ["Priorities and Prospects of Youth Science"] BIMCO 2017, "Hyst", All-Ukrainian Medical Journal of Students and Young Scientists. - 2017 - Vol. 19. - P. 341.	Chernivtsi, Ukraine	English	5-7 April, 2017	BSMU Bilyk G. Bilous T.

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24	Prospects for the introduction of problem-based learning in medical universities	Materials XIII All-Ukrainian. scientific conference with international participation «Recent issues of quality of medical education».- Vol. 1. – P.148.	Ternopil, Ukraine	Ukrainian	May, 12-13 2016	BSMU Garas M.
25	Features of implementation problem-based learning in pediatrics IN framework of Grant Project Erasmus+	Materials Scientific and Methodological Conference "Actual issues of higher medical and pharmaceutical education: experience, problems, innovations and modern", 2017.- P. 50-51.	Chernivtsi, Ukraine	Ukrainian	19 May, 2017	BSMU Garas M.
26	Theme "Child abuse" in the program for pre- and postgraduate stage by traditional and problem-based learning	Materials Scientific and Methodological Conference "Actual issues of higher medical and pharmaceutical education: experience, problems, innovations and modern", 2017.- P.305-306.	Chernivtsi, Ukraine	Ukrainian	19 May, 2017	BSMU Bogutska N.
27	Peculiarities of teaching pediatric cases in the higher state educational institution of Ukraine "Bukovina State Medical University" in the framework of the "TAME" Grant Project Erasmus +	Materials Scientific and Methodological Conference "Actual issues of higher medical and pharmaceutical education: experience, problems, innovations and modern", 2017.- P.449-451.	Chernivtsi, Ukraine	Ukrainian	19 May, 2017	BSMU Bilyk G.
28	Analysis of students causes of errors in determining the optimal tactics of virtual patients within international educational project «TAME»	Materials Scientific and Methodological Conference "Actual issues of higher medical and pharmaceutical education: experience, problems, innovations and modern", 2017.- P.485-486.	Chernivtsi, Ukraine	Ukrainian	19 May, 2017	ZSMU Kuznetsov A.
29	Adaptation process of implementation of the Project «TAME» (TRAINING AGAINST	Materials Scientific and Methodological Conference "Actual issues of higher medical and pharmaceutical education: experience, problems, innovations and modern", 2017.- P.542-543.	Chernivtsi, Ukraine	English	19 May, 2017	BSMU Bogutska N.

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	MEDICAL ERRORS, ERASMUS+) to traditional pesiatic curriculum					
30	Analysis of group interaction for problem-based learning within training on prevention of medical errors (TRAINING AGAINST MEDICAL ERROR, ERASMUS+)	Materials Scientific and Methodological Conference "Actual issues of higher medical and pharmaceutical education: experience, problems, innovations and modern", 2017.- P.443-444.	Chernivtsi, Ukraine	Ukrainian	19 May, 2017	BSMU Bogutska N. Bezrukov L.
31	The methodology of problem-based learning in pediatrics	Materials Scientific and Methodological Conference "Actual issues of higher medical and pharmaceutical education: experience, problems, innovations and modern", 2017.- P.480-481.	Chernivtsi, Ukraine	Ukrainian	19 May, 2017	BSMU Koloskova O. Bilous T. Chodorovskiy V.
32	Experience of students participation in international program "TAME: TRAINING AGAINST MEDICAL ERRORS"	Materials Scientific and Methodological Conference "Actual issues of higher medical and pharmaceutical education: experience, problems, innovations and modern", 2017.- P.506.	Chernivtsi, Ukraine	Ukrainian	19 May, 2017	ZSMU Patcera M.
33	Educational projects Tame as a method of independent activity of students	Materials Scientific and Methodological Conference "Actual issues of higher medical and pharmaceutical education: experience, problems, innovations and modern", 2017.- P.517-518.	Chernivtsi, Ukraine	Ukrainian	19 May, 2017	ZSMU Skrypnikova Y., Ivan'ko O.
34	Experience of introduction of virtual patients in pediatrics	Materials Scientific and Methodological Conference "Actual issues of higher medical and pharmaceutical education: experience, problems, innovations and modern", 2017.- P.532-533.	Chernivtsi, Ukraine	Ukrainian	19 May, 2017	ZSMU Furik O., I.A. Yurchenko I., Kostrovsky A., Pavlenko A.

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35	Peculiarities of studying pediatrics in the application of various types of problem-based learning	Materials of XIV All-Ukrainian Scientific and Practical Conference with international participation devoted to the 60th anniversary of TDMU modern approaches to the higher medical education in Ukraine (with remote connection of Ukraine with the help of videoconferencing) - Ternopil, May 18-19, 2017. - Volume 1. - P.120.	Ternopil, Ukraine	Ukrainian	18-19 May, 2017	BSMU Koloskova O. Bilyk G. Bilous T. Bilous V.
36	Implementation of the topic «child abuse» at the pediatric education (under the Project «Training against medical error», ERASMUS +)	Materials of XIV All-Ukrainian Scientific and Practical Conference with international participation devoted to the 60th anniversary of TDMU modern approaches to the higher medical education in Ukraine (with remote connection VM (Φ) H3 of Ukraine with the help of videoconferencing) - Ternopil, May 18-19, 2017. - Volume 2 - P.161.	Ternopil, Ukraine	English	18-19 May, 2017	BSMU Bogutska N.
37	Peculiarities of adaptation of pediatric cases in the framework of grant project ERASMUS + "TAME"	Materials of xiv All-Ukrainian scientific and practical conference with international participation devoted to the 60th anniversary of TDMU modern approaches to the higher medical education in ukraine(with remote connection VM (F) NZ of Ukraine with the help of videoconferencing) – Ternopil, May 18-19, 2017. - Volume 2 - P.12.	Ternopil, Ukraine	Ukrainian	18-19 May, 2017	BSMU Bilyk G.
38	Prerequisites and difficulties of implementation of problem-based learning within the TAME project at the Department of Pediatrics and Children Infectious Diseases	All-Ukrainian science and methodical conference with foreign participation "Current issues of distance education and telemedicine 2016" . - P.35-38.	Zaporizhzhia, Kyiv, Ukraine	Ukrainian	13-14 October, 2016	BSMU Bogutska N.K.

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39	Interactive forms of teaching propaedeutic pediatrics	Materials of XIV All-Ukrainian scientific and practical conference with international participation devoted to the 60th anniversary of tdmu modern approaches to the higher medical education in ukraine (with remote connection of Ukraine with the help of videoconferencing) – Ternopil, may 18-19, 2017. - Volume 2. - p.111.	Ternopil, Ukraine	Ukrainian	18-19 May, 2017	ZSMU Pazera I. Krut O. Pidkova V. Radutna O.
40	Risk assessment of dysfunctional groups in problem-based learning sessions in project of medical errors prevention (TAME)	IV International Medical and Pharmaceutical Congress of Students and Young Scientists ["Priorities and Prospects of Youth Science"] BIMCO 2017. – P. 336.	Chernivtsi, Ukraine	English	5-7 April, 2017	BSMU Krecu N.M., Gnatiuk M.G., Kuhta O.Ya. Bogutska N.K.
41	Using D-PBL clinical cases based on medical error in medical education	Collection of the theses of the VIII -russian conference with international participation «Week of medical education – 2017 - P.117	Moscow, Russia	Russian	3-7 April, 2017	AMU Nurpeissova R.G. Syzdykova A.S., Bekbergenov aZh.
42	Difficulties in adaptation of D-PBL clinical case based on medical error	Collection of the theses of the VIII -russian conference with international participation «week of medical education - 2017» – 2017 - P.118	Moscow, Russia	Russian	3-7 April, 2017	AMU Nurpeissova R.G. Syzdykova A.S., Bekbergenov aZh.
43	"Training against medical error - TAME": experience in the "Astana medical university "	Collection of the theses of the VIII -russian conference with international participation «WEEK OF MEDICAL EDUCATION - 2017» - 2017. -P.119	Moscow, Russia	Russian	3-7 April, 2017	AMU Bekbergenov aZh. Syzdykova A.S., Nurpeissova R.G. Suleymenova D..
44	Experience in preparation of tutors in « Astana medical university »	Collection of the theses of the VIII -russian conference with international participation «WEEK OF MEDICAL EDUCATION - 2017» - 2017. -P.120	Moscow, Russia	Russian	3-7 April, 2017	AMU Хамчиев К.М., Bekbergenov aZh. Syzdykova A.S.,

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						Nurpeissova R.G.
45	The role of ERASMUS + increasing the quality of medical education	Collection of the theses of the VIII -russian conference with international participation «WEEK OF MEDICAL EDUCATION - 2017» - 2017. -P.114	Moscow, Russia	Russia n	3-7 April, 2017	AMU Syzdykova A.S., BukeevaZh.K., Nurpeissova R.G. Bekbergenov aZh.
46	Personalized approach management of endocrines diseases in general clinical practice	Perspectives of construction of Open Labyrinth electronic clinical cases in training against medical errors (ERASMUS+) in pediatric endocrinology: epidemiologic approach	Chernivtsi, Ukraine	English	8-9 June, 2017	BSMU Bogutska N.
47	Implementation of training on virtual patients at Zaporozhye State Medical University	11th international conference of Czech and Slovak faculties of medicine, focused on e-learning and medical informatics in the education of medical disciplines.- P.25-26	Brno, Czech Republic	English	28–29 November, 2017	ZSMU O.Furyk M.Avramenko, A.Bilai, A. Pavlenko
48	Perception and motivation of the 5 th year students "General Medicine" during the tutorials based on medical errors.	IX All-Russian Conference with international participation "Medical Education Week - 2018" May 15-17, 2018, Moscow	Moscow, Russia	Russia n	May 15-17, 2018	AMU Zhakupbekov a.M
49	Experience in writing clinical cases with medical errors	IX All-Russian Conference with international participation "Medical Education Week - 2018" May 15-17, 2018, Moscow	Moscow, Russia	Russia n	May 15-17, 2018	AMU Zhakupbekov a.M
50	Using the Open Labyrinth Platform	IX All-Russian Conference with international participation "Medical Education Week - 2018" May 15-17, 2018, Moscow	Moscow, Russia	Russia n	May 15-17, 2018	AMU Nurpeissova R.G. Syzdykova A.S
51	Experience of implementation of PBL with the use of Virtual Patients methodology in the	Materials of All-Ukrainian scientific and methodical conference with foreign participation "Current issues of distance	Zaporizhzhia, Ukraine	Ukrainian	25-26 April 2018	ZSMU M. Avramenko, O. Furyk, A. Pavlenko

D.5.2. Dissemination events and publications



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	frames of the project TAME: Training Against Medical errors	education and telemedicine 2018"				
52	Major difficulties in the work of a tutor with a team of students within the TAME international project	Materials of All-Ukrainian scientific and methodical conference with foreign participation "Current issues of distance education and telemedicine 2018"	Zaporizhzhia, Ukraine	English	25-26 April 2018	ZSMU Patsera M. V. Skrypnykova Ya. S.
53	Selection of tools for students' evaluation in the frames of the project TAME: Training Against Medical	Materials of All-Ukrainian scientific and methodical conference with foreign participation "Current issues of distance education and telemedicine 2018" - P.84-85	Zaporizhzhia, Ukraine	Ukrainian	25-26 April 2018	ZSMU Bilyi A.K. Furyk O.O. Kostrovskyi O.M.
54	Implementation of methodology with medical errors in training of students at the Department of the Faculty Surgery	Materials of All-Ukrainian scientific and methodical conference with foreign participation "Current issues of distance education and telemedicine 2018" – P.86.	Zaporizhzhia, Ukraine	Ukrainian	25-26 April 2018	ZSMU Bilai A.I.
55	Defining ways of improving preparation of students of the Medical faculty (Surgical specialty) on the basis of analysis of structure of errors reasons while training in the frames of the international educational TAME project	Materials of All-Ukrainian scientific and methodical conference with foreign participation "Current issues of distance education and telemedicine 2018" – P.86-87.	Zaporizhzhia, Ukraine	Ukrainian	25-26 April 2018	ZSMU Kuznietsov A.A.
56	Analysis of students' errors structure while studying paediatric cases in the frames of the TAME project	Materials of All-Ukrainian scientific and methodical conference with foreign participation "Current issues of distance education and telemedicine 2018" - – P. 87-88.	Zaporizhzhia, Ukraine	Ukrainian	25-26 April 2018	ZSMU Kuznietsova O. D.

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57	International TAME project: experience of tutor's work with a team of students	Materials of All-Ukrainian scientific and methodical conference with foreign participation "Current issues of distance education and telemedicine 2018" – P. 91-92.	Zaporizhzhia, Ukraine	Ukrainian	25-26 April 2018	ZSMU Patsera M. V. Skrypnykova Ya. S.
58	Efficiency of study of paediatrics in medical university by problem-based method	BIMCO Journal 2018 (Abstracts book of 5th International Medical Congress for Students and Young Scientists) -" 2018- P. 290.	Chernivtsi, Ukraine	Ukrainian	4-6 April, 2018	BSMU Bilyk G. Andriychuk T.
59	Implementation of problem based learning in study of paediatrics by students of senior courses in medical university	BIMCO Journal 2018 (Abstracts book of 5th International Medical Congress for Students and Young Scientists) -" 2018- P. 290.	Chernivtsi, Ukraine	Ukrainian	4-6 April, 2018	BSMU Andriets V. Bogach T. Gydora S. Kyzyma I. Leader: Sazyn S.
60	Experience of creation of "virtual patients" scenarios within the implementation of the grant project TAME ERASMUS +	Scientific and Methodological Conference "Actual issues of higher medical and pharmaceutical education: experience, problems, innovations and modern – 2018. – P.55-56	Chernivtsi, Ukraine	Ukrainian	18 April, 2018	BSMU Garas M.
61	Experience of creation of new cases for senior courses students with the framework of the Grant project "TAME"	Scientific and Methodological Conference "Actual issues of higher medical and pharmaceutical education: experience, problems, innovations and modern – 2018. – P.113-114	Chernivtsi, Ukraine	Ukrainian	18 April, 2018	BSMU Koloskova O. Bilyk G. Bilous T.
62	Perspectives of implementation of models of virtual patients in educational process	Scientific and Methodological Conference "Actual issues of higher medical and pharmaceutical education: experience, problems, innovations and modern – 2018. – P.248-249	Chernivtsi, Ukraine	Ukrainian	18 April, 2018	BSMU Sazyn S.
63	Psychological aspects of implementation of	Scientific and Methodological Conference "Actual issues of higher medical and	Chernivtsi, Ukraine	Ukrainian	18 April, 2018	BSMU Bezrukov L. Bogutska N.

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	problem-based training in the framework of grant project for the prevention of medical emissions (Training against medical errors, TAME, ERASMUS+)	pharmaceutical education: experience, problems, innovations and modern – 2018. – P.448-449				
64	Quality analysis of mastering of discipline “paediatrics” in the frames of the grant project TAME: training against medical error	Materials of Abstract book 3 rd International Conference on Medical Education Informatics. – P.41-42.	Leeds, Uk	English	6-7.09.2018	ZSMU A. A. Kuznietsov, Yu. F. Polkovnikov A. S. Pavlenko
65	Results of implementation of d-pbl with virtual patients in the frames of TAME: training against medical errors project realization in surgery	Materials of Abstract book 3 rd International Conference on Medical Education Informatics. – P.39-40.	Leeds, Uk	English	6-7.09.2018	ZSMU M. O. Avramenko, O. O. Furyk, V. M. Kompaniiets
66	Impact of training against medical errors using virtual patients in Vietnam: a quasi-experimental study	Materials of Abstract book 3 rd International Conference on Medical Education Informatics. – P.39-40.	Leeds, Uk	English	6-7.09.2018	HMU L.T. Huang, L.V. Dung
67	Perception and motivation of the 5 th year students "General Medicine" during the tutorials based on medical errors.	IX All-Russian Conference with international participation "Medical Education Week - 2018" May 15-17, 2018, Moscow	Moscow, Russia	Russia	15-17.05.2018	AMU Zhakupbekov a .M
68	Experience in writing clinical cases with medical errors	IX All-Russian Conference with international participation "Medical Education Week - 2018" May 15-17, 2018, Moscow	Moscow, Russia	Russia	15-17.05.2018	AMU Zhakupbekov a.M

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69	Using the Open Labyrinth Platform	IX All-Russian Conference with international participation "Medical Education Week - 2018" May 15-17, 2018, Moscow	Moscow, Russia	Russian	15-17.05.2018	AMU Nurpeissova R.G. Syzdykova A.S
70	Implementation of training on virtual patients at Zaporozhye State Medical University	MEFANET JOURNAL, Vol. 4, issue 1, 2017, P. 25-26.	Brno, Czech Republic	English	28–29 November, 2017	ZSMU OlenaFuryk, M. Avramenko, A. Bilay, A. Pavlenko
71	Evaluation the training against medical errors project – measuring the impact on learners across multiple countries	International Conference of Association of Medical Education in Europe (AMEE 2017)	Helsinki, Finland	English	26-30 August, 2017	SGUL, KSMU Luke Woodham Aurora Sese TruptiJivram Ella Poulton Viktor Riflefs Terry Poulton
72	Enabling multi-institutional implementation of new interactive learning technologies across multicultural contexts: Holistic trainer approach	International Conference of Association of Medical Education in Europe (AMEE 2017)	Helsinki, Finland	English	26-30 August, 2017	SGUL Ella Poulton Nabil Zary Luke Woodham TruptiJivram Jonathan Round Terry Poulton
73	Training against medical errors by using virtual patients as an alternative effective approach for competency-based medical education	Abstract book of the 2 nd annual national Vietnam medical educational conference. – P.119.	Vietnam	English	1-2 December, 2018	HUMP, KI Nhueng Van Hung Vo Van Thang] LuongThanhBao Yen Hoang DinhTuyen Natalia Stathatharou
74	Students survey within theTAME: training against medical error project: choosing the tool, results of	Abstract book of the 12th international conference of medical and healthcare academic institutions in Czechia and Slovakia, MEFANET	Pilsen, Czech Republic	English	27-28.11.2018	ZSMU M.O. Avramenko, A.K. Bilyi, O.M.

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	the survey					Kostrovskyi
75	Results of implementation of decision-problem based learning with virtual patients in surgery in the frames of tame: training against medical error project realization	Abstract book of the 12th international conference of medical and healthcare academic institutions in Czechia and Slovakia, MEFANET	Pilsen, Czech Republic	English	27-28.11.2018-	ZSMU M. O. Avramenko, O. O. Furyk, A. S. Pavlenko