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1. **Get involved**

In line with the EAPC’s mission and following the very sensitive COVID-19 situation, the objective of this project is to make time sensitive scientific resources (publications, slides, e-Abstracts) available for consultation online to all healthcare professionals.

- New scientific content to be posted every week
- Provide HCPs worldwide with access to scientific resources from any region of the globe
- Keep the community tuned in during the COVID-19 outbreak: content will be offered as a Stop and Watch resource to HCPs to stay abreast of essential science during COVID-19 crisis.
- Update professionals on the latest scientific content in the field of preventive cardiology
- Reach out to a wider professional audience through free access
- Offer industry partners the opportunity to actively participate in this special scientific platform by posting their own Industry content to be hosted on the dedicated EAPC Essentials 4 You platform
- The resources uploaded on the EAPC Essentials 4 You platform will also be uploaded and archived on the renowned ESC 365 platform (over 3.73 million resources consulted by 95,000 unique users since launch)

2. **The project**

This platform will become THE comprehensive hub for all scientific content related to preventive cardiology and risk factor management.

The EAPC Essentials 4 You platform will gather the following content online:

1. Late Breaking Trials
2. Scientific Content
3. Publications (e-Abstracts)
4. Industry Essentials (latest resources from industry partners in the field)
5. Recommended Reading

Other sections will be added online related to the content published such as:
- Link to online Abstract Supplement of the European Journal of Preventive Cardiology (available end of June 2020)
- Social Media Wall
- Press articles

The platform will be optimised for computer and mobile devices, with VOD content available at: [www.escardio.org/EAPCessentials4you](http://www.escardio.org/EAPCessentials4you)

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1 HealthCare Professionals (HCPs). The target audience will be all the HCPs interested in prevention, rehabilitation, risk factor management, sports cardiology and exercise, and all other preventive cardiology related topic, as well as those who participate in the previous EAPC Congresses.
3. Structure

- **Scientific Committee Structure 2018-2020**
  - Chairpersons: Professor Ana Abreu, Professor Nicolle Kraenkel, Prof. Martin Halle.
  - All resources will have to be validated upfront by the EAPC Scientific committee. The following information will be requested: Title of the session, titles of the presentations, name of the speakers, learning objectives.

- **Calendar**

  The EAPC Essentials 4 You webpage was launched on Monday 20 April 2020. New scientific content will be added online on a weekly basis upon reception from contributors.

- **Format**

  3 types of formats can be submitted:
  - PowerPoint file
  - Video including speaker voice over and slides (MP4)
  - Video created from several PowerPoint files with voice over (MP4)

  Multiple presentations can be submitted for a single session. We recommend that the format of the content should not exceed 45 minutes for optimal use on the web. Content must be in English. Industry Essentials will be uploaded within 24 hours (working days) upon reception.

4. Target Audience

EAPC Essentials 4 You is designed for:
- Cardiologists
- Cardiologists in training
- Nurses and allied professionals
- Healthcare professionals in the field of preventive cardiology

The target audience will be all the above-mentioned Healthcare Professionals that are interested in primary care and risk factor management, population science and public health, secondary prevention and rehabilitation, sports cardiology and exercise as well as those who participate in ESC Preventive Cardiology, formerly EuroPrevent.

5. Schedule for Development

➢ EAPC Essentials 4 You launched on 20 April 2020
➢ Industry Essentials published online on a weekly basis until 17 July (with possibility for Industry to recommend a date for publication particularly in case of embargo issues)
➢ Industry Essentials available online for 1-year duration on EAPC Essentials 4 You

6. Promotion

- Feature in EAPC news bulletins – Preventive Cardiology: Events, Science & Education – sent to all subscribers – interested in preventive cardiology – *sent to 18 590 subscribers*
• Feature in selected EAPC quarterly Newsletters – sent to current EAPC members (3 560)
• Feature in selected My ESC weekly Newsletters – sent to 67 000 subscribers
• Feature in some of ESC NCS monthly President letters – sent to all NCS Presidents of 56 ESC National Cardiac Societies (NCS) representing 70 pax
• Dedicated webpage on ESC website hosted on the EAPC homepage section
• Active Social media promotion on ESC accounts in Twitter (#EAPCessentials4U), Facebook & LinkedIn (dedicated campaigns)
• Google AdWords daily campaigns
• Promotion (seamless access) on ESC 365 platform

7. Industry Essentials

Industry Partners are invited to contribute their cutting-edge science to our dedicated platform (& consequently also on ESC 365 platform) by providing resources of their session(s) as follows:

• Industry Essentials represent a session that can be sequenced in several presentations e.g. 4x15 mins or 4 x 10 mins or 3 x20 mins or 2x30 mins... (see 3. Structure for resource types)
• Industry Essentials are only available for hot topics/late-breaking science: providing a new perspective related to innovations or findings (the programme = title, learning objectives, is subject to EAPC Scientific Committee approval)
• Recordings are hosted on EAPC Essentials 4 You webpage for 12 months as well as on the ESC 365 platform.
• Require Scientific Committee validation.

Three session product options are available:

a. **Industry Essentials – Dissemination**

Industry provides their ready-made resources (videos in .mp4) of their session(s) to be uploaded on EAPC Essentials 4 You and ESC 365.

*Price per session: €10,000*

b. **Industry Essentials – Post-production & dissemination**

Industry provides session files to ESC and our selected studio provider for post-production & dissemination through EAPC Essentials 4 You and ESC 365.

Example: [https://youtu.be/qNKsr51vxpQ](https://youtu.be/qNKsr51vxpQ)
P resentations can contain slides only, slides & speakers’ voice over or slide & video recording of speaker (all files should be provided by the industry)

*Price per session: €15,000*

c. **Industry Essentials – Full Production & dissemination**

Industry provides session slides to ESC and our selected studio provider to produce the session recording & dissemination through EAPC Essentials 4 You and ESC 365.

Slides shall be provided 3 days prior to recording. Speaker coordination is organised by supporting industry.

Example: [https://youtu.be/crxtEVLJ7oQ](https://youtu.be/crxtEVLJ7oQ)

*Price per session: €20,000*

**Benefits across all product options:**

Industry Essentials sponsors are entitled to the following benefits:

• Full report including VOD statistics and viewership insights (subject to availability in MyESC accounts) will be sent to the sponsor(s) 3, 6 months and 12 months post publication online
• Platform will be promoted to targeted audiences (see 6. Promotion)
• Opportunity for sponsor to promote the platform and their related content on the platform
• Questions and Answers (Q&A) form: A Q&A form will be available next to the Industry Essentials resources in order to collect all questions from the audience. Sponsors will be able to post their answers using this platform

**Sponsorship opportunities**

In addition to the previous product options, ESC proposes a range of sponsorship opportunities to increase the visibility of your activities on the EAPC Essentials 4 You platform:

**Promotional Banner on EAPC Essentials 4 You – €7,500 per week**
On a weekly basis, sponsors can place their banner at the top of the EAPC Essentials 4 You platform for optimal exposure.
This banner will be clickable and will lead to the industry session page.

**eBlast – €5,000**
A customised mailing will be sent to EAPC community on 11 June.
Email will be sent to 35,500+ healthcare professionals with an interest in:

• Cardiovascular Disease in Women
• Rehabilitation and Sports Cardiology
• Risk Factors and Prevention
• Public Health and Health Economics
• Cardiovascular Disease in Primary Care
• ESC Preventive Cardiology Congress communication
• EAPC Members

This email allows you to promote your session(s) on EAPC Essentials 4 You.
*Each eBlast is limited to 10 advertising slots.*

**Push your session – €2,000**
On a weekly basis you can place your session at the top of the list of the Industry Sessions.
Sessions will be sorted by alphabetical order of Company Name.
Annex 1: EAPC Essentials 4 You Preliminary Programme

Below is the list of content identified as of 20/04/2020 to be published on this project. This content is still preliminary and is subject to change. The scientific committee will continue to select new content to post online from 20 April - 17 July. The content will be published gradually on a weekly basis in order to bring new content to the scientific community every week.

a. Late Breaking Trials:
The list below gathers all Late Breaking Trials whose Principal Investigators have agreed to present through EAPC Essentials 4 You and those who have not replied yet:

- Integration of polygenic risk score in coronary artery disease risk models for clinical use
- Retinal vessel diameters and blood pressure progression in children
- Polyscore of autonomic parameters for risk stratification of the elderly general population: the Polyscore study
- Short- and long-term effects of high-intensity interval training vs. moderate intensity continues exercise on left ventricular remodeling in patients early after ST-elevation myocardial infarction.
- Effect of continuous positive airway pressure treatment in patients with paroxysmal atrial fibrillation and obstructive sleep apnea: a randomized controlled trial

b. EAPC Scientific Content
The Scientific Committee is selected presentations covering various topics in the field of preventive cardiology.

c. Publications (E-Abstracts)
- 16 weeks randomized controlled trial on the effects of different exercise intensities and volumes on cardiovascular risk factors in patients with metabolic syndrome
- Importance of frequency and intensity in exercise training on heart rate variability in type 2 diabetes
- The digital volume pulse measured by photoplethysmograph transducer does not replace ordinary aortic-femoral pulse wave velocity in the measurement of arterial stiffness
- Method for the diagnosis of masked hypertension in ambulatory patients
- Quitting smoking increases weight but leads to little dietary changes in Swiss community dwellers.
- Utilizing 6 Minute walking distance test as independent predictor of improved functional capacity in young adult underwent phase II cardiac rehabilitation post CABG procedure: 5 years analytical study
- Influence of estimated glomerular filtration rate on the drug therapy administration rate in patients with a history of myocardial infarction
- Potential adherence to treatment of patients hospitalized with acute coronary syndrome
- Results of a nationally implemented cardiac screening programme in elite cricket players in England and Wales
- Six-minute walking test and cardiopulmonary parameters pre and post-rehabilitation in the functional and prognostic evaluation of cardiac patients
- Association between electrographic left ventricular hypertrophy and incident hypertension among the Tokyo 1964 Olympic athletes: a 50-year follow-up study.
- Optimising lipid treatment following myocardial infarction
- Role of soluble ST2 in prognosis of chronic heart failure progression in patients who received beta-blocker therapy
- The prognostic impact of an adequate anticoagulation strategy in very frail patients with atrial fibrillation: the impact of a simple scoring system
• Feasibility and effectiveness of an additional resistance and balance training in cardiac rehabilitation of older patients after valve surgery or intervention
• Electrocardiogram analysis from a cardiac screening program in elite Australian cricketers
• The effect of Calanus Finmarchicus oil (Calanus Oil) on maximal oxygen uptake: a randomized controlled study
• Predictors of physical inactivity 1 year after a cardiac rehabilitation program
• The relationship between ECG/HRV variables and socio-economic factors: results of mass screening in the rural region of Ukraine
• Remote monitoring of ECG using portable device "Ritmer" in patients after cardiac surgery
• The intensity of the photoplethysmographic waveform variability oscillations as the effective marker of the aortic valve pathology
• Low-frequency variability in photoplethysmographic waveform and heart rate during on-pump cardiac surgery with or without cardioplegia
• Inflammation as the additional risk for stroke in patients with atrial fibrillation
• Lipidic control (LDLc) in patients after acute coronary syndromes: our experience in 2018.
• Phenotypes and arrhythmia in familial noncompaction cardiomyopathy
• The degree of stenosis of internal carotid artery is associated with circulating T-helpers 17 level.
• The prognostic significance of hsCRP dynamics in stable CAD patients after coronary stenting
• The role of 24 hour central aortic pressure in ventriculo-arterial coupling in asymptomatic hypertensive patients
• 10-year prognosis in patients with microvascular angina
• Embolicogic myocardial infarction due to atrial fibrillation
• Autopsy data of reasons of 2-type myocardial infarction
• Changes in the intensity of pain syndrome and psychopathic symptomics in patients with stable ischemic heart disease after psychological rehabilitation
• Some risk factors of cardiovascular diseases among students of medical university (compared data 2009 vs 2019)
• Impact of continuous glucose monitoring on improving quality of life among adult patients with type 1 diabetes mellitus: meta-analysis
• New ESC guidelines on dyslipidaemias: are PCSK9 inhibitors up to the task?
• Analysis of cardiovascular events, heart failure and remodeling in 2-years follow-up outcomes in patients with STEMI after manual thrombectomy
• Antithrombotic therapy in the elderly: triple therapy is out of the line.
• Do interactive exergames find their application in cardiac rehabilitation? A pilot study.
• Circulating vitamin D and vitamin K status in relation to underlying mechanisms of cardiovascular health, and all-cause mortality: the Hoorn Study
• The influence of L-Carnitine on the insulin resistance level, endothelial and renal function in patients with chronic coronary artery disease and prostate adenocarcinoma
• Lipid-lowering Therapy (LLT) during and after cardiac rehabilitation (R) in 1,100 patients with coronary heart disease: the LLT-R registry
• Is PSI score useful to predict a cardiovascular event in acute Pneumonia?
• Positive feedback chain for the generation of ET-1 and matrix gelatinases in the pathogenesis of atherosclerosis
• Daily physical activity levels in patients with heart failure with preserved ejection fraction: clinical correlates and subjective perception of activity
• Effect of Probiotics on Lipid Profiles of hypercholesterolaemic adults: A meta-analysis of available evidence
• Network meta-analysis comparing the efficacy of lipid-modifying drugs in hyperlipidemia
• The role of cardiac rehabilitation program on left ventricular function in coronary artery disease patients
• Age dependents effect of different antihypertensive combinations with indapamide on pulse wave indices, hypertrophy and diastolic function in mild-moderate hypertensives
• Prescription of exercise loads for young athletes in the presence of connective tissue dysplasia - Plays a role or not?
• Peripheral artery disease in hypertensive individuals: results from a portuguese local screening
• Blood pressure response to a single session of isometric handgrip exercise in patients with aortic coarctation: a descriptive study.
• Patients with premature cardiovascular diseases in outpatient practice: comorbidity, treatment and outcomes (data of RECVASA registry)
• Electrocardiographic and echocardiographic insights from a prospective registry of Asian athletes
• Anthropometric indicators of visceral obesity as predictors of atrial fibrillation
• Association of cardiac rehabilitation sessions with mortality reduction after aortic and mitral valve surgery: a community-based study
• Functional capacity in patients with coronary artery disease
• Children with acute myocarditis often have persistent subclinical changes as revealed by cardiac magnetic resonance
• Nurse-led education in the management of atrial fibrillation: the NEAT-AF Study
• Epicardial adipose tissue and cardiovascular risk assessment in ultra-marathon runners
• STEP-IT UP: a nurse led intervention to promote physical activity with pedometers in sedentary elderly patients with cardio-vascular risk factors in a primary care setting
• Mean lactic acid concentration during an ultra-marathon is related to cardiac troponin T increase
• Prediction of adverse cardiovascular outcomes in patients with hypertension in combination with chronic obstructive pulmonary disease
• Can being overweight be beneficial? An association of asian body mass index and severity outcomes of coronary angiogram
• A review of the comorbidities associated with new referrals to a heart failure programme in Ireland and the response to medical therapy.
• A look at physician adherence to the ESC heart failure guidelines to medical and device therapies in an Irish university teaching hospital.
• Combined effects of renin-angiotensin system inhibition and fitness on mortality risk in hypertensive and/or diabetic patients
• The impact of China Pakistan Economic Corridor on exercise, obesity and hypertension among Himalayan mountain villagers: the Silk Route to Health project
• Impact of body weight interval training on body fat distribution, lean mass and resting metabolic rate in sedentary overweight and obese adults
• Cardioprotective potential of the water extracts of psilocybe cubensis magic mushrooms on angiotensin II-induced hypertrophy in rat cardiomyoblast cells
• The NF-κB/miR-425-5p/MCT4 axis: a novel insight into diabetes induced endothelial dysfunction
• High triglyceride glucose index is associated with poor prognosis in patients with acute ST-elevation myocardial infarction after percutaneous coronary intervention
• Association of rs2230806 polymorphism with the development of acute cerebrovascular event
• Application of ESPVR in preventive cardiology
• Epicardial obesity as one of the significant predictors of prediabetes and subclinical atherosclerosis of the brachiocephalic arteries
• Practice of Moroccan cardiologists in cardiovascular prevention: a national survey
• Effect of exercise training in moroccan patients with chronic heart failure in cardiac rehabilitation
• Impact of bariatric surgery on body composition and aerobic exercise capacity
• Effect of the laugh in the management of Moroccan patients in cardiac rehabilitation
• Correlation analysis between body composition and exercise capacity in obesity subjects
• The utility of cardiovascular risk scores in predicting the severity of coronary artery disease
• Composite endpoint was related to the psychological component of the quality of life in treated patients with arterial hypertension
• The relationship between social support level and ambulatory blood pressure indices in patients with arterial hypertension
• The psychological status scale scores correlated with clinical and ambulatory blood pressure in patients with arterial hypertension
• The social components of the quality of life was related with seasonal ambulatory blood pressure increase in patients with arterial hypertension
• Type 2 diabetes and coronary diseases in Italy: the real-world healthcare evidence through the analysis of a huge administrative database from 2013 to 2017
• Coronary bypass surgery patients rehabilitation results
• Long-term efficacy of a supervised exercise training programme in patients with acute coronary syndrome
• The effect of social factors on the prevalence of atrial fibrillation in hypertensive patients.
• The high-sensitivity C-reactive protein response following strenuous physical exercise is attenuated by cod-liver oil supplements: NEEDED 2014 (The North Sea Race Endurance Exercise Study)
• Changes in heart rate variability at exercise after cardiac rehabilitation in elderly cardiac patients. EU-CaRE substudy.
• Screening for familial hypercholesterolemia. Extending a role for blood programs in promoting public health
• Frailty is highly common in patients with cardiovascular disease but lacks uniformity in assessment: a systematic review
• Treatment of anxiety improves quality of life of patients with ischemic heart disease
• Effect of a combined continuous-variable resistance and strength training in a phase II cardiac rehabilitation program after acute coronary syndrome
• Left ventricular remodeling at patient with ischemic heart disease and depression
• Features of emotional status of men and women with chronic heart failure
• Validation of the cardio pulmonary resuscitation app CPR 11
• Ethnic differences in vascular function among south asians, whites, and blacks in the United States
• Left ventricular hypertrophy and body fat distribution in general population
• Exercise capacity in patients implanted with left ventricular assist devices for end-stage heart failure treatment
• Magnesium orotate improves symptoms, myocardial function, exercise capacity and quality of life in operated valvular heart disease: results from a randomized, open-label, case-control 2-year study
• Magnesium orotate for the treatment of preexisting hypertension in pregnant patients with nondifferentiable connective tissue dysplasia
• Magnesium orotate is a new promising therapy for not closed atrial or ventricular septal defect in pregnant patients
• Patient-reported outcomes as determinants of return to work and health-related quality of life 6 months after comprehensive cardiac rehabilitation
• Suitability of exercise guidelines for the calculation of personalized exercise targets and progress monitoring in a telerehabilitation setting
• Do diabetics have higher Lp (a)? Prevalence of Lp (a) in diabetic and non diabetic patients
• SharedHeart: a digital shared decision making approach to increase physical activity levels of patients with coronary artery disease
• Aviation cardiology: how to overcome age limitations of air transport pilots? - A cardiovascular risk assessment concept
• Diseases of cardiovascular system among railway workers in Georgia
• Ventricular remodeling in patients with myocardial infarction and preserved ejection fraction: does physical activity make a difference?
• Trimetazidine: the future and reality in the prevention of anthracycline cardiotoxicity in patients with breast cancer.
• PCKS9 inhibitors in cardiac rehabilitation a single center experience
• Effectiveness of comprehensive cardiac rehabilitation in coronary artery disease patients treated according to contemporary evidence based medicine: update of the Cardiac Rehabilitation Outcome Study
• Advantages of rivaroxaban vs aspirin for the primary prevention of cardiovascular events in patients with atrial fibrillation
• Exercise oscillatory ventilation impairs oxygen delivery/extraction in male patients with chronic heart failure
• Diagnostic value of speckle-tracking 2d-echocardiogram in patients with acute chest pain and high risk of coronary artery disease
• Tele-rehabilitation based on nursing home secondary prevention program versus usual care in patients after acute coronary syndrome: the SPRING trial
• Underuse of lipid lowering drugs in diabetic patients: An analysis of EPHESUS study
• Use of heart rate to guide exercise training intensities in patients with non-permanent atrial fibrillation
• Greater cardiorespiratory fitness reduces incidence of atrial fibrillation: a meta-analysis
• Restoration of sinus rhythm improves exercise capacity in patients with persistent atrial fibrillation: a meta-analysis
• Impact of atherosclerotic risk factors on non-ischemic heart failure
• High peak exercise blood pressure in athletes is proportional to exercise capacity.
• Metabolic and inflammatory biomarkers in evaluation of coronary arteries anatomical stenosis in patients with stable coronary artery disease
• Relationship between hs-CRP and cardiovascular disease risk factors
• The outcomes of comprehensive cardiac rehabilitation programs in India: a multicentre study
• Prevalence of cardiovascular health risk behaviours in college-going women in a major metropolis in India
• Health-related quality of life in patients undergoing comprehensive cardiac rehabilitation and risk-reduction programs
• Seasonal variations of blood pressure may influence prevention strategy in hypertensive patients
• Air pollutants raise PCSK9 levels in healthy pregnant women
• Managing erectile dysfunction in men attending cardiac rehabilitation in an Irish Model 3 hospital
• Lipid and carbohydrate metabolism in patients with stable chronic heart disease and nondiabetic chronic kidney disease
• Inpatient cardiac rehabilitation in patients supported with left ventricular assist device: a single-centre retrospective analysis of functional outcomes and survival.
• Evaluation of urinary 8-iso-prostaglandin F2a for risk assessment of plaque rupture in diabetic patients with unstable angina pectoris
• Know your numbers: risk factor perceptions and lack of control in patients after an acute coronary syndrome
• Cardiac rehabilitation in underrepresented groups: uptake and clinical outcomes from a tertiary referral center in Switzerland
• Desire for eHealth in cardiac rehabilitation patients: a survey from Switzerland
• High intensity interval versus moderate continuous training early after myocardial infarction: effect on heart rate variability and resting heart rate
• Predictors for one-year outcomes after cardiac rehabilitation in elderly patients: the EU-CaRE multicenter cohort study
• Adherence to a healthy lifestyle in the Russian Federation
• Electronic cigarettes: prevalence in the Russian Federation
• Poor exercise tolerance in LVAD patients - Effect of inpatient cardiac rehabilitation
• Characteristics and therapeutic needs of LVAD patients requiring renal replacement therapy during inpatient cardiac rehabilitation
• An extracellular vesicle based biomarker signature to detect stress induced ischemia in women presenting with chest pain
• Which score of adherence to Mediterranean diet actually uncover differences in eating habits between healthy subjects and patients with coronary heart disease?
• A comparison of coronary artery calcium scores vs. maximal stenosis vs. aggregate stenosis for the cardiovascular risk assessment of aircrew
• Hypoproteinemia as a prognostic factor in the patient with acute myocardial infarction. SCARA study
• Predictive parameters of atrial fibrillation in the follow-up of the patient with high blood pressure
• Is the relation between the level of education achieved and the prevalence of cardiovascular risk factors and their control changing?
• Users preferences in development of an interactive e-health intervention to coronary heart disease patients after percutaneous coronary intervention (PCI) - The PCI@Home study
• Can follow-up with an app improve adherence of exercise capacity one year post cardiac rehabilitation? A randomized controlled trial
• Compliance to a mediterranean diet and to a low fat heart-healthy diet in coronary patients
• Prevalence of peripheral arterial disease in a diabetic population at a cardiovascular screening event
• Non-exercise estimated cardiorespiratory fitness and mortality from all-causes, cardiovascular disease and cancer in the NIH-AARP diet and health study
• Systematic review and metaanalysis of low fat vs low carb diets for weight loss
• Panomics- New tool for advancements in preventative cardiology: systematic data mining & creation of a database of the key omics databases & studies in cardiology
• Diagnostic yield of genetic testing in the BEAT-IT screening program
• Anterior T-Wave inversion in peripubertal individuals: prevalence and clinical yield from a De-Novio national cardiac screening program.
• Monocentric randomised prospective intraindividual parallel group comparison study to
calculate hba1c from self-monitored blood glucose values using a special diary with
biofeedback system
• Neurohumoral modulation in cardiovascular patients following exercise
• Knowledge, attitudes and practices survey of cardiac rehabilitation among cardiologists and
cardiac surgeons
• Prevention of expanding metabolic injury and continuing myocardial dysfunction and other
complications in patients with acute MI by GIP and long-term treatment with Meldonium
• Cardio-metabolic monitoring in patients on depot antipsychotic medication
• Prevalence of tobacco-related risk behaviors among amateur rugby players, coaches and
referees.
• Use of risk assessment tool in preventing cardiovascular disease
• Effectiveness in improving aerobic capacity and cardiovascular risk factors according to
type of physical training in a cardiac rehabilitation program in patients with coronary heart
disease
• Diagnostic yield of cardiac magnetic resonance in a large cohort of athletic and non-athletic
individuals with pathological T wave inversion
• Change in aerobic capacity and cardiovascular risk factors in obese patients with coronary
disease after phase II of the cardiac rehabilitation program
• Objective evaluation of the evolution of aerobic capacity and cardiovascular risk factors in
women with coronary disease after phase II of the cardiac rehabilitation program
• Prevalence and prognostic impact of cardiovascular risk factors among patients undergoing
primary percutaneous coronary intervention: data from a rural centre in a middle income
country
• Cardiovascular risk factors and mortality in acute coronary syndromes
• Predictors of de novo heart failure in patients readmitted for acute coronary syndromes
• Cardiovascular risk factors in patients with previous acute coronary syndromes
• Body mass index in acute coronary syndromes
• Marital status and cardiovascular mortality: a prospective cohort study of community of
Western Siberia (Russia)
• Summary 10-year risk of death from cardiovascular diseases in Russian men aged 25-64
years
• Unmasking the hidden morbidity of CVD in primary care for rural and isolated populations
• Associations between cardiac remodeling and exercise capacity in athletes: machine
learning based prediction of peak oxygen uptake
• The acute effects of aerobic vs. resistance exercise on arterial stiffness and its relationship
with cardiopulmonary fitness
• Sitting for too long stiffens arteries independent of blood pressure and physical activity
• Associations of characteristics of vascular control and -482 C>T polymorphism in the
apolipoprotein C3 gene, L55M A>T polymorphism in the paraoxonase-1 gene in young,
relatively healthy individuals
• Association of characteristics of vascular control and A1666C A>C polymorphism in the
angiotensin 1 receptors gene, T207M C>T polymorphism in the angiotensinogen gene in
young individuals
• Decreased instrumental activities of daily living frequency as a predictor for all-cause
mortality in patients aged 65 years and older with cardiovascular disease
• A review of prescription of guideline directed medical therapy, and its association with
reduced hospitalisations for acute decompensated heart failure
• Telemonitoring and remote guiding of exercise therapy after a phase II cardiac
rehabilitation programme: 2-year results of the TRiCH study on physical activity and fitness.
• Complementary behavioral medicine for patients with ischemic heart disease: achieving additional physical activity in the daily travel routine
• Association of lifestyle with life expectancy with and without heart failure
• TGF beta 1 concentration in patients with controlled and uncontrolled course of hypertension.
• The evolution of microRNA associated with the VEGF pathway during normal pregnancy and their relation with vascular function
• Cardiac rehabilitation program in patients with history of atrial fibrillation and/or flutter. Does it have a positive impact in reducing recurrences based on weight loss?
• Impact of physical activity on the improvement in exercise capacity during maintenance phase of cardiac rehabilitation
• Acute effects of interval vs. continuous exercise in post-myocardial patients referred to cardiac rehabilitation: a randomised control trial
• Pupillary area as a new prognostic predictor in heart failure patients with non-sinus rhythm
• Sortilin: association with FoxP3+ Treg lymphocytes and metabolic status in patients with stable coronary artery disease
• The contribution of unhealthy diet to the economic burden from cardiovascular diseases in the Russian Federation in 2016
• Feasibility and usability of a home-based cardiac tele-rehabilitation program for patients with myocardial infarction: results of the MI-PACE study
• Study of the prevalence of risk factors for NCD among the staff of the scientific medical center
• Population study on the predictive value of blood pressure and BMI in childhood and adolescence for subclinical atherosclerosis one decade later
• Sex differences in symptom presentation in acute coronary syndrome: a systematic review and meta-analysis
• Combination of depression and decreased physical function further worsens the prognosis of patients with cardiovascular disease
• Relationship between carotid intima media thickness and telomere length in coronary artery disease patients: influence of risk factors
• Myocardial revascularization in octogenarian patients: the incidence of frailty syndrome, cognitive impairment and standard cardiovascular risk factors
• Dynamics of morphological changes in coronary arteries in patients with various forms of coronary artery disease
• 5-year prognosis of patients with atrial fibrillation that developed after cardiac surgery with sternotomy
• Coronary microvascular function in athletes with abnormal exercise test results
• Eligibility of patients with cardiovascular disease for dual pathway inhibition in a large community cardiology practice
• Analysis of previous adherence to therapy in patients with acute coronary syndrome
• Leading personality trends and psychological defense meanisms of patients with acute coronary syndrome
• Analysis of the effects of implementing balance exercises in cardiac rehabilitation in elderly patients.
• Exposure to air pollution - A trigger for myocardial infarction?
• Do football matches affect cardiovascular events?
• Evaluation of the impact of air pollution on the mortality for cardiovascular diseases.
• Preoperative skeletal muscle density incrementally improved prognosis of postoperative sarcopenia in cardiovascular disease patients
• Developing multimedia educational resources utilizing a novel interprofessional collaboration scheme for patients with acute myocardial infarction
• Autonomic symptoms and associated factors in patients with chronic heart failure
• Evaluation of a novel, 12-lead electrocardiogram app for easy on-field use shows good agreement with the gold standard 12-lead electrocardiogram in elite, adolescent footballers
• The influence of sports at a young age on the prevention of cardiovascular disease in middle-aged men of a sedentary lifestyle
• Lifestyle related risk factors and cognitive performance in elderly hypertensive patients
• The effect of age on determinants of exercise tolerance in healthy individuals
• Association of acute kidney injury occurrence in critical care setting with low physical function in patients with cardiovascular disease
• The effects of cardiac rehabilitation plus inotrope therapy in older patients with heart failure: a propensity score-matched analysis.
• Student heart program
• Blood pressure level, vascular microinflammation and carotid wall remodeling
• Cardiovascular risk factors are associated with inflammation markers in healthy individuals
• Obesity versus diabetes: cardiovascular risk factors
• Does empagliflozin improve arterial stiffness and endothelial function in patients with type 2 diabetes mellitus?
• Secondary prevention prescribing in a medium sized district general hospital - Implications of adopting latest evidence base practice
• Multiple interventions following an acute coronary syndrome event increases uptake of cardiac rehabilitation.
• Components of internal picture of health optimization in patients with acute coronary syndrome during their rehabilitation
• Cardiovascular screening of military recruits: effect of implementing new ECG recommendations on referral and diagnostic outcome.
• Relationships of total testosterone levels with traditional cardiovascular risk factors in healthy middle-aged men
• Patients after acute coronary syndromes with the frailty syndrome - Are they always ready for hospital discharge? Preliminary results
• Impact of obesity and phase 2 cardiac rehabilitation on exercise capacity and prognosis in heart failure patients
• Achievement of low-density lipoprotein cholesterol target values in light of the 2019 ESC dyslipidaemia guidelines: real world data from an ambulatory cardiovascular rehabilitation program
• Risk stratification of patients with amyotrophic lateral sclerosis by means of heart rate variability analysis
• Evolution of vascular elasticity indices under conventional active RASS medication: ramipril vs eprosartan
• Using machine learning to assess prognosis in heart failure patients evaluated by CPET: a decision tree based algorithm
• VE/VCO2 slope measured until the respiratory compensation point is a better predictor of cardiovascular mortality in patients with heart failure and reduced ejection fraction