



HEART ITS FAULTS , TYPES,ORIGIN EXIT , PREVENTION TO TAKE MEASURES ANALYSIS

Latipova Sevinch Zohirjonovna

Bukhara State Medicine Institute Medicine faculty Pediatrics

direction 2nd year student

<https://doi.org/10.5281/zenodo.18182363>

ARTICLE INFO

Received: 05th January 2026

Accepted: 06th January 2026

Online: 07th January 2026

KEYWORDS

*Heart vices , disease types ,
complex wigs*

ABSTRACT

Today on the day heart vices many in cases successful treated . Small aged both children and adults can use the valve defects place and to the level looking at surgery intervention or other treatments through to say hello possible . Every 100 births from the baby about 1-2 congenital heart defects with is born . Problems and restrictions : Especially developing in countries diagnostics and qualified surgery centers less . Also , modern equipment , qualified experts lack of financial impossibilities.Surgery operations and intervention treatments price high , operational complications danger available.Some in cases in pregnancy diagnosis intervention even if it is put opportunity or result limited to be possible.Life during again operations necessity — valve deterioration , growth with suitable Insomnia , arrhythmias.

Introduction

Heart and from it starting large blood of the veins in the structure born or acquired pathological changes normal functioning of the heart from the trail This defects as a result heart cameras between of blood right flow heart breaks to the muscle overload occurs and time to pass with heart shortage development possible . Heart vices medicine in practice important importance has to be , them early determination and right treatment patient life quality in improvement important place It holds . Coming to the exit see heart vices congenital and acquired to types divided . The root heart vices fetus mother in the womb development during heart and blood vein system complete lack of formation as a result to the surface comes and often childhood at the time clinical characters with manifestation will be . Increased heart vices and mainly rheumatism , infectious diseases , atherosclerosis and heart valves injury as a result develops . Heart in their vices valve of the apparatus structure and function broken , valves complete not closing or heart of holes narrowing is observed . As a result of blood again flow to the surface Come , heart. cameras expands , muscle fibers thickens and heart activity slowly weakens . Therefore heart vices early diagnosis and complex requiring treatment serious diseases in a row enters.

Home part

HEART HEART DEFECTS AND FROM IT STARTING OF THE VEINS IN THE STRUCTURE PATHOLOGICAL CHANGES . THESE DEFECTS , HEART OF ACTIVITY FROM THE TRAIL TO THE EXIT REASON WILL BE . CONGENITAL AND ACQUIRED HEART VICES

DIFFERENCE IT IS DONE . HEART MOTHER CHILD DEFECTS IN THE WOMB NOT GROWING NORMALLY WHILE LYING DOWN AND HEART AND BLOOD VEIN SYSTEM ENOUGH LACK OF FORMATION AS A RESULT APPEARANCE WILL BE . THEIR MAIN TYPES THE FOLLOWING :

1. BATALLO OF THE HOLE NOT ENDING .
2. FORAMEN OVALE NOT ENDING .
3. INTERVENTRICULAR OBSTACLE DEFECT
4. LUNGS ARTERY OF THE HOLE NARROWING .

INCREASED HEART VICES MORE RHEUMATISM , SEPSIS, SYPHILIS , ATHEROSCLEROSIS , TRAUMA AS A RESULT TO THE BODY IS COMING .

1. MITRAL VALVE SHORTAGE .
2. LEFT ATRIUM-VENTRICLE OF THE HOLE NARROWING —MITRAL STENOSIS .
3. THREE CLASS VALVE SHORTAGE .
4. RIGHT VENTRICLE — VENTRICLE OF THE HOLE NARROWING .
5. AORTA IS CRESCENT-SHAPED VALVES SHORTAGE .
6. AORTIC ORIFICE NARROWING .

DISEASE COME OUTPUT : HEART DIRTY MORE VALVED TO THE APPARATUS DAMAGE REACH — VALVE OF THE FORM CHANGE , CHANGES TWISTED TO REMAIN WITH THIS VALVE IS CHARACTERIZED BY FUNCTION FROM THE TRAIL TO THE EXIT TAKE COMES . VALVE HEART CAMERAS BETWEEN RELEVANT THE HOLE COMPLETE CANNOT CLOSE , AS A RESULT , THE HEART WHEN WORKING BLOOD WHICH FROM THE SIDE CAME OUT IF SO , THEN TO A PIECE PARTIALLY BACK THIS HEART TO THE MUSCLE AS AN ADDITIONAL BURDEN , ITS OF MASS TO INCREASE AND LATER TIRED TO STAY TAKE IS COMING .

DISEASE SIGNS :

•BREATH CONTRACTION – INITIALLY PHYSICAL IN TENSION , LATER QUIET ALSO APPEARS IN THE CASE WILL BE .

•FAST FATIGUE AND WEAKNESS – HEART BLOOD DRIVING FUNCTION DECREASED BECAUSE OF .
•HEART OF THE BEAT RAPID HEARTBEAT (TACHYCARDIA) OR UNEVEN BEAT .
•BLUEBERRY IN THE FIELD PAIN – ESPECIALLY IN THE AORTIC VALVE IN THEIR VICES .
•BLUISH DISCOLORATION (CYANOSIS) – LIPS , FINGERS ON THE TIP , MORE CONGENITAL IN VICES .

•SWELLING – IN THE LIMBS , IN THE EVENING MOMENT INCREASES (HEART SHORTAGE SYMBOL).

•COUGH AND BLOOD MIXTURE PHLEGM – LUNGS BLOOD ROTATION WHEN BROKEN .
•DIZZINESS AND UNCONSCIOUS GO – BRAIN BLOOD WITH ENOUGH WHEN NOT PROVIDED .
•IN CHILDREN : PHYSICAL FROM DEVELOPMENT TO STAY , OFTEN COLD , SUCKING FAST FATIGUE

•HEART IN THE FIELD NOISES – ON AUSCULTATION IS DETERMINED (MOST IMPORTANT DIAGNOSTIC CHARACTER).

NATURAL HERBS AND HERBS USING TREATMENT : HEART VICES HERBS OR MEDICINAL PLANTS USING COMPLETE HEALING IT WON'T HAPPEN . BECAUSE THIS DISEASE HEART VALVES AND HEART IN THE STRUCTURE ANATOMICAL (STRUCTURAL) DEFECTS WITH RELATED AND THEY ONLY MEDICINES , SOME IN CASES AND SURGERY WAY WITH TREATMENT POSSIBLE . MEDICINAL PLANTS AND ONLY AUXILIARY (SUPPORTING) TOOL AS HOWEVER , SOME

MEDICINAL PLANTS HEART ACTIVITY A LITTLE RELIEF , NERVE SYSTEM CALM DOWN , BLOOD ROTATION IMPROVE AND SWELLINGS TO REDUCE HELP TO GIVE FOR EXAMPLE , HAWTHORN (BOYARISHNIK) HEART MUSCLE REINFORCEMENT AND HEART TO BEAT IN STANDARDIZATION USEFUL IS . VALERIAN AND MINT NERVOUSNESS REDUCE , HEART OF THE BEAT ACCELERATION A LITTLE REDUCE POSSIBLE . FENNEL SEED AND HIP NOSE TINCTURES ORGANISM STRENGTHEN , BLOOD VEINS STATUS TO IMPROVE HELP ALSO , NETTLE GRASS AND DANDELION LIGHT URINE DRIVER IMPACT SHOWING , SWELLING TO DECREASE HELP TO GIVE POSSIBLE. HOWEVER THIS SEPARATELY HIGHLIGHT NECESSARY , MEDICINAL PLANTS VALVE SHORTAGE OR STENOSIS LOSS THEY CA N'T ONLY GENERAL THE SITUATION RELIEVES . HEART VICES WITH SICK PATIENTS HERBS ONLY DOCTOR RECOMMENDATION WITH , MAIN TREATMENT TO THE METHODS ADDITIONAL AS ACCEPTANCE TO DO MUST . OF COURSE . TREATMENT OF THE DISEASE TO BECOME HEAVIER AND COMPLICATIONS TO DEVELOP TAKE ARRIVAL POSSIBLE .

MITRAL VALVE SHORTAGE

ETIOLOGY : 75% OF THE DISEASE RHEUMATISM THROUGH COME COMES OUT .

OF THE DISEASE DEVELOPMENT : HEALTHY IN PEOPLE VENTRICULAR SEPTUM HOLE DENSE IS CLOSED , SO FOR OF BLOOD ALL FROM THE LEFT VENTRICLE TO THE AORTA MITRAL VALVE IN SHORT SUPPLY AND , FOR EXAMPLE , DIASTOLE 60 ML OF BLOOD FROM THE LEFT ATRIUM TO THE LEFT VENTRICLE DURING FALLEN HOWEVER , THE LEFT VENTRICLE SYSTOLE 10 ML OF BLOOD INTO THE LEFT ATRIUM DURING BACK PAST IF , THEN NEXT LEFT VENTRICLE IN DIASTOLE TO ONESELF LUNG FROM THE VEINS PAST BLOOD , THAT IS, 70 ML OF BLOOD GIVES.LEFT IN THE CLOSET ABOVE NORMAL MORE BLOOD TO STAND IN IT PRESSURE RISING TO LEAVE TAKE COMES , SO AS A RESULT HIS/HER MUSCLES HYPERTROPHIED , HOLLOW EXPANDING GOES . LATER MANY EXCELLENT FUTURE AS A RESULT, THE LEFT VENTRICLE ALSO BECOMES MORE MORE BLOOD TAKE STANDING FOR HYPERTROPHIED , HOLLOW EXPANDS . WITH THIS TOGETHER , THE AORTIC VALVE ALSO GRADUALLY WILL BE DAMAGED .

SIGNS OF THE FOLLOWING CONSISTS OF :

- FATIGUE , STRENGTH SHORTAGE
- HEART OF THE BEAT SPEED OR DISPROPORTIONATE
- SWELLING IN THE LEGS
- UNPLEASANT COUGHS — ESPECIALLY AT NIGHT OR SOMETIMES IN BED BLOOD OF THE VEINS PRESSURE WHEN INCREASED LUNG LIQUID ACCUMULATION WITH RELATED
- IN HIS VEINS PRESSURE INCREASE AS A RESULT BREATH CONTRACTION
- BLOOD LOW BLOOD PRESSURE

Clinic about : Right in a row shortage swelling as a result it will be , liver increases . Patients out of sight when forgiven visible standing mucus curtains bruised the rest of the legs up standing is felt . Heart field out of sight forgivable if so , the heart of the end tattoo visible to stand maybe , heart field palpation when done pulsation increase , spread area expanding the rest It seems . Hear . when seen heart tip in the field weakened first tone and left armpit to the field passing systolic noise is heard . Heart basis on lungs artery on top of second tone accent found . Pulse full , rhythmic , usual at speed and in tension Arterial pressure unchanged remains .

Conclusion : Heart heart defects and from it starting large blood of the veins in the structure born or acquired pathological changes normal functioning of the heart This

defects as a result heart cameras between blood flow wrong will be , heart to the muscle overload occurs and time to pass with heart shortage development possible . Heart vices medicine in practice important importance has to be , them early determination and right treatment patient life quality in improvement big role plays.Heart vices come to the exit according to two to the type divided . The root heart vices fetus mother in the womb development during heart and blood vein system complete lack of formation as a result to the surface comes and often childhood at the time himself signs with manifestation does . Increased heart vices and mainly rheumatism , infectious diseases , atherosclerosis and heart valves injury as a result develops.Heart of vices signs type looking at Although they differ , their general symptoms between fatigue and quickly breath heart palpitations of the beat acceleration or rhythm disorder , breast in the field pain or pressure sensation , breathing in receiving difficulty , especially physical exercises during , as well as in children growth weakness , weight shortage and on the lips , nails such as cyanosis characters is observed.Heart vices determination for one row diagnostic methods Echocardiography using heart structure and valves status evaluated , x-ray through heart size and blood of the veins status determined by electrocardiogram and heart rhythm and electricity activity Also , a cardiologist by the patient's history and signs assessment and diagnosis in the past important.Heart vices treatment methods the patient's age , illness type and to the weight looking at is determined . Medicines heart deficiency , rhythm violation and blood pressure control to do for Surgery practice and valves replacement or heart holes close through heart function to restore opportunity gives . Some in cases minimally invasive procedures — catheter through valves correction or holes close — is used . Also , the patient far term during cardiological under observation to be and life style adapt need . Heart vices heart and large blood of the veins pathological changes is , their early to be determined and right treatment patient life quality noticeable at the level improves . or acquired from being strict look , heart in their vices valves performance violation or heart of holes narrowing as a result blood flow wrong will be , heart to the muscle overload occurs and time to pass with heart shortage develops .Therefore , the disease signs Once diagnosed , the doctor by suitable diagnosis put on medicine or surgery treatment methods used . Complex approach and regular observation heart vices complications reduce and the patient's life quality in increasing important importance has.

Used literature:

1. "The heart is not born" defects "D.X. Mamatkulova , O.A.Sharipova,2022
2. "Internal diseases ". Y. L. Arslonov , T.A.Nazarov , A.A.Bobomurodov, 2013
3. "Internal diseases ". Gadayev , 2014
4. "Internal diseases" propaedeutics ". Gadayev , 2012