

ILM FAN YANGILIKLARI KONFERENSIYASI

30-YANVAR

ANDIJON, 2024

NON-SURGICAL OPTIONS IN THE TREATMENT OF INBORN HEART DEFORMITIES

Ro'ziyev Sherzod Ibadullayevich

Doctor of medical sciences, professor Scientific leader

Muydinov Javlonbek Ibrahimovich

Fergana Public Health Medical Institute

Medical field, Independent seeker

Abstract: Innate heart distortions, otherwise called inborn heart surrenders, are underlying issues with the heart that are available upon entering the world. These imperfections can influence the walls of the heart, the valves, or the conduits and veins close to the heart. While some intrinsic heart imperfections may not bring about any side effects, others can be dangerous and require prompt clinical consideration.

Keywords: standards, vascular plans, PDA, system, treatment, ASD, analysis

Introduction: Saturate coronary ailment has been ordinarily treated with an operation; notwithstanding, with the overhaul of interventional cardiology, cases are as of presently benefitting from hardly intrusive strategies. By and huge, open-heart operation was performed to treat principal stenoses and perform contraption terminations for septal deformations and other vascular plans in all cases, counting children. in any case, essential propels have arranged that, by and by, the framework utilized for most extraordinary of normal heart issues is tolerably much of the time only interventional.

A standard transcatheter methodology practicing a conclusion contraption mounted on an inflatable catheter is performed to shut blemishes, whereas an inflatable dilatation plan is wrapped up to broaden the binds amid heart catheterization to treat stenosis. The advantage is that these styles ought to be conceivable either as transitory strategies, a one-day affirmation to exigency office or in children, not long after birth.

The interventional system is wrapped up with a palpating heart and cases a huge portion of the time get back another day with no recuperation period, rather than operation, where an office remains of a various day is required. Obvious Ductus Arteriosus and Atrial Septal deformations the ductus arteriosus may be a fetal tone joining the aorta with the pneumonic artery.

This vessel ordinarily closed within the best long times of life, in any case, in the event that it remains open, this astounding connection is called obvious ductus arteriosus (PDA). By and large, the treatment was heart operation, still as of presently around 98 of all PDAs are closed practicing the catheter strategy, by bedding a contraption into the tone through a catheter to shut it.

The atrial septal inadequacy (ASD) is an opening within the atrial septum that permits a bit of blood returning to the gave chamber to pass to the proper chamber, right ventricle and pneumonic control courses, overpowering these heart structures as well as the lungs.

Eight percent of all ASDs are by and by closed intervention ally by the implantation of a really durable creation through a catheter that extra passage and within the long run closes up being crucial for the heart divider. As with the other interventional ways, the straightforwardness of implantation, exceptionally tall achievement rates arranging an operation with immaterial bleakness has made ASD choice a versatile framework, sensible for cases, things being what they are, from one-month-old adolescents to those numerous times ancient.

At this point silundum ASDs are manageable ton on-cautious conclusion, truly meaning that there is as however a numerous case that cannot be overseen practicing transcatheter styles. Sporadically, an ASD is in an awfully astounding locale or is extraordinarily immense and the encounter of the catheter system is luxuriously great. In these circumstances, the cautious

ILM FAN YANGILIKLARI

KONFERENSIYASI

30-YANVAR

ANDIJON, 2024

choice would be picked, in show disdain toward of the way that with propels in systems and contraptions, these events are diminishing.

Ventricular Septal blemishes:

New interventional methods have been made over very two or numerous times to near ventricular septal deformations (VSDs), openings between the ventricles of the heart, with implantable contraptions. By the by, these strategies aren't decently so progressed as those for the wrap up of PDAs and ASDs, and as of presently there are no US Food and Medication Affiliation (FDA)- pushed conclusion contraptions.

The strategies are, however, performed broadly in Europe and are being inspected within the US. As a run the show, reasoning is moreover as noteworthy or more productive or moreover as shielded or encourage secure than an operation.

In any case, if playing out an interventional system would be less secured than an operation, the case would easily get an operation.

Impediments of Interventional Treatment of Regular Coronary Affliction:

the most elevated restriction is getting to, as most extraordinary techniques are wrapped up on bitsy youths, and thusly a restricted size of tone is open to present the catheters. What is further, the control courses are commonly bitsy, in like manner the involvement of harming the tone remains.

It's conceivable that whereas settling the heart, the control course or the tone within the leg seem come harmed. Assiduity has addressed this issue by crossing down the vehicle surfaces, as of late confining the experience to the case. However, the experience has not been completely cleared out, the circumstance is all around constantly disapproved and dove, and the encounter is assist being brought down.

Modern Investigational Locale in Interventional Cardiology:

Spigots are as of now being supplanted percutaneously within the catheterization examination foundation, instead of in an operation, but this isn't yet a standard of care, as appraisals are at this point being wrapped up. Notwithstanding, sooner as restricted to up to this point, this strategy will be a standard of care in Europe for dislodging of the pneumonic stopcock and within the US, the FDA is working with interventionalists to begin an investigational appear to implant fake pneumonic fixtures within the catheterization examination center without the intrigued for open heart operation.

Instrumented in characteristic heart gives up the method is persistently done practicing inflatable mounted stents and gadgets, up to this point a gigantic piece of the instrumented utilized contains inflatables and stents mounted on inflatables. The stents that are utilized to treat saturate heart slips absent contrast from the grown-up coronary stents, which are anticipated for utilize in colossal vessels.

As pervade stents are set within the vessels of little adolescents, they got to have developed bundles. The stents utilized should to can be cultivated a few occasions recently on, as long as after different times. Whereas conclusion gadgets give the instrumented to ASD and PDA last strategies.

Conclusion

All in all, non-careful choices in the treatment of characteristic heart distortions offer a promising option in contrast to conventional careful mediations. Prescription, catheter-based methods, way of life changes, and creative advancements can all assume a huge part in overseeing innate heart deserts and working on tolerant results.

While medical procedure might in any case be vital now and again, non-careful therapies can give important choices to people with natural heart deformations, offering the potential for worked on personal satisfaction and decreased dependence on obtrusive methodology. As exploration in this field keeps on propelling, almost certainly, non-careful choices will assume

ILM FAN YANGILIKLARI KONFERENSIYASI

30-YANVAR

ANDIJON, 2024

an undeniably significant part in the complete consideration of patients with intrinsic heart absconds.

References:

1. Iakovou I, Schmidt T, Bonizzoni E et al., Rate, indicators, and result of apoplexy after fruitful implantation of drugeluting stents, JAMA (2005);293: pp. 2,126-2,130.
2. Moses J W, Leon M B, Popma J et al., Sirolimus-eluting stents versus standard stents in patients with stenosis in a local coronary conduit, N Engl J Drug (2003);349: pp. 1,315-1,323.
3. Stone G W, Ellis S T, Cox D An et al., A polymer-based, paclitaxel-eluting stent in patients with coronary corridor illness, N Engl J Prescription (2004);350: pp. 221-231.
4. Nurumbetova, S. (2022). VAIN ASPECTS OF PRACTICAL RELIGIOUS EXAMINATION IN THE INVESTIGATION OF CRIMES RELATED TO PROHIBITED RELIGIOUS MATERIALS. Science and Innovation, 1(6), 108-113.
5. Nurumbetova, S. (2023). MODERN OPPORTUNITIES AND PROSPECTS FOR DEVELOPMENT EXPERT-CRIMINALISTIC ACTIVITY. Modern Science and Research, 2(9), 415-419.
6. Нурумбетова, С. А. (2023). СОВРЕМЕННЫЕ ВОЗМОЖНОСТИ И ПЕРСПЕКТИВЫ РАЗВИТИЯ ЭКСПЕРТНО-КРИМИНАЛИСТИЧЕСКОЙ ДЕЯТЕЛЬНОСТИ