

without consulting a doctor

cases which are non-responsive

our leading dermatologists prefer

and refer vitiligo patients to laser

treatment. Apparently this is not a

prudent advice. Patients and

treating physicians should be

cautious and careful in choosing

happen in the course of vitiligo.

Magic cure: Miracle may

this option for treating vitiligo.

It was observed that some of

to medicine.

MD AL MAMUN



of conjunctivitis (inflammation of the conjunctiva better known as

FDA has received reports of

Corneal ulcers, an infection of

result in blindness and eye loss.

We must consult with eye care

professional before using any

contact lenses even though it is

pink eye); corneal ulcers; corneal

Being exposed to certain renovated their homes over the past year.

types of surface materials at work appears to increase adults' risk of developing asthma, a new study shows. "These findings underline

health aspects of materials used in floor, wall, and other veloped asthma. W

Carpets in workplace

linked to asthma risk

Exposure to plastic wall

the need to consider the

coverings on the job increased asthma risk 2.43-fold, the researchers found, while people who worked in offices with wall-to-wall carpeting were 1.73 times more likely to have

problems were present at a

person's workplace, and there

was wall-to-wall carpeting

there, the risk of developing

asthma more than quadrupled.

Also, while home renova-

tion in itself had no association

with asthma risk, the

/hen molc

labeled as vitiligo. physicians alike. Treatment Vitiligo is a chronic disease. Its

response variably to treatment options. Vitiligo should be diagnosed on the basis of these clinical sub-types, such as focal vitiligo, segmental vitiligo, acrofacial vitiligo, vitiligo vulgaris and vitiligo universalis. It will help in choosing right treatment, motivating the patients and keeping their interest along the right track. But in our country, all patients are

ment is in a mess. With an objective to bring its management into line and making a functional guideline, we undertook several clinico-therapeutic studies in the out-patient department of USTC since 1999. **Types of vitiligo** There are five types of vitiligo. Clinically they are distinct. They have different natural courses and prognoses and a tendency to

But in our country, its manage-

social sufferings of the patients.

surgery etc. But none of them are universally effective. The disease is well managed in the West and the Europe with the help of recommended guidelines.

MEDICAL UPDATE

Vitiligo is a disorder of pigmenta-

tion, characterised by develop-

DR DELWAR HOSSAIN

There are few therapeutic options to treat it. They include popular layman's therapy, herbal therapy, homeo therapy, allopathic and modern therapy,

benign disease, yet it has a great potential to cause severe psycho-

DHAKA SUNDAY NOVEMBER 12, 2006

ment of white patches over skin right patient at right time is the real and mucosa after birth. It is a deal Medicinal treatment aimed at stimulation and migration of melanocytes (pigment carrying cells) from nearby reserve pool to

white patches. It sounds helping our body to cure its own disease

and hence there is least chance of development of new lesions once

cured by medicine. Types and nature of disease, sites involved, presence of white hairs, availability of options, capability of patients, response to previous treatment etc. should be considered duly before choosing any treatment option. Patients must be well motivated for the treatment plan. Here are few

comments on commonly used therapeutic options in our country.

Heliotherapy: It is a treatment option where psoralen (paint or oral form) is used in conjunction with natural sunlight. Numerous combination forms are being used at the discretion of dermatologists. Modern version of this treatment is PUVA. It is a very good, cheap, safe and cost-effective option. It is found effective in all types of vitiligo. Unfortunately the way it is Organisation have reviewed and used in our country, patients acknowledged its danger and develop severe local and systemic expressed concerns. Patients toxicity. They get afraid and are and physicians should think obliged to stop the treatment. It several times before choosing could be a "gold standard" treatthis option in treating the vitiligo. ment for our country if it is used judiciously by the patients and the

Phototherapy (usually nar-

Treatment of vitiligo idiopathic disease and hence there is no specific and targeted treatment for it. Nevertheless, therapeutic armamentarium for vitiligo is rich now. Choosing right option for

health

patches and surrounding areas. The therapy is fairly effective for lesions over face, neck, trunk and proximal limbs. But it is not superior to medicinal treatment in

terms of efficacy. It has been considered a good option in the field of vitiligo for the last 3-4 decades. Now it is revealed that it has long term risk of causing skin cancers. American national institute of health and World Health ment and definitely not effective in

surgery, dermato-surgery, cosmetic-surgery etc. Few Lasers have stimulatory

effect on melanocytes and this character is being exploited in treating vitiligo. Patches over face, scalp, neck, trunk and proximal limbs may respond favorably to it but acral lesions are found non-responsive. However, Laser is not superior to medicinal treat-

But there is no place for magic cure in the field of vitiligo. Vitiligo is one of the oldest diseases of the human history. But the causes, pathogenesis, specific and targeted treatment of vitiligo are yet to explore. Fascinating advertisements are simply ill-intentional, irresponsible and non-realistic.

Surgical treatment (skin grafts and cell transplants): In this method, harvested melanocytes or functionally active melanocytes in the healthy epidermis or skin are transplanted in the vitiligo patches. It provides only palliative treatment to the white patches and the body's own power to cure its disease is bypassed. Patients may develop new lesions after surgery.

Indeed, it is a very costly treatment. Medical treatment is needed along with the surgical intervention. However, the surgery has an important role and it is a good option only for carefully selected patients. Patients who have their disease inactive and have limited number of lesions over surgically amenable areas are good candidates for surgery. On the other hand patients with acrofacial vitiligo and vitiligo vulgaris, having extensive and widespread lesions (particularly over acral areas) and unstable disease are not good candidates for surgery. But after adequate medical treatment they may be referred to surgery for left behind inactive patches.

beneficial only for carefully ment should be used judiciously to ensure its outcome. I have seen many patients, who Department of Dermatology and Venereology of USTC, Foy's lake, Pahartoli, Chittagong. have had surgery few years ago and developed new patches. It is really a regrettable and heart-

breaking outcome. It could have

easily been prevented if the sur-

geons and patients become

Don't use decorative contact lenses

careful in pre-surgical decision.

inadequate. Because. like other chronic diseases, they may remain inactive for several months to few years and again be active. To my experience, 5 years continuous and un-interrupted inactivity should be considered adequate and they must have adequate medical treatment before going for surgery. Last but not least, surgery can be done within minutes but its final outcome (in terms of color, tone and natural consistency) may require long time (several months to years) to appear.

and surgical) are available now in

the country. Medicinal treatment

is cheap, safe and curative.

Patients should try this option

first. On the other hand, surgery is

selected cases. This costly treat-

The writer is an Associate Professor and Head,

Conclusion

Patients seeking surgical

treatment should have their dis-

ease inactive first. Usually sur-

geons consider 6 months to 1

year inactivity sufficient. But this

duration of inactivity is meaning-

less for focal vitiligo and segmen-

tal vitiligo because they are inborn

stable. On the other hand for

acrofacial vitiligo and vitiligo

vulgaris, this duration is definitely

Vitiligo is a curable disease. Eye Hospital in London. Multiple options (both medical

"These cells are lost in some of the more common causes of blindness" he added.

The scientists believe further research could lead to the first human retinal cell transplants for people with blinding diseases within a decade.

Photoreceptors are specialised light sensitive cells that line the back of the eve and are essential for sight. In School and a co-author of the eye diseases such as macular study degeneration, the cells are destroyed.

Three generations of cloned mice. Blind mice see after retina cell transplants **REUTERS.** London Previous studies that had

British and American scientists have restored vision in blind mice by transplanting lightsensitive cells into their eyes in a breakthrough that could lead to new treatments of human

The mice suffered from eye damage called photoreceptor loss which occurs in macular degeneration (eye disorder in elderly patients, where fluid leaks into the retina and destroys cones and rods. reducing central vision), the leading cause of sight loss in

the elderly, and other eye disorders Instead of using stem cells, which could form into any cell type, the scientists transplanted cells that had reached

a later stage of development toward becoming photoreceptor cells.

explained. "We have shown for the first time that it is possible to trans-

photoreceptor precursor cells for treatment.

"Rather than focusing on

Proof of principle

REUTERS PHOTO

Researchers had thought that the mature retina, the part of the eye that senses light and forms images, did not have the capacity for repair.

MacLaren and his collaborators showed using precursor cells that are already programmed to become

photoreceptors but are not quite there yet was the key to successful transplantation. "We have taken them out of the donor retina and trans-

planted them into a host retina extremely quickly at that precise point in time and with

minimal trauma to the surrounding tissue," MacLaren

The mice had eye diseases caused by genetic defects. Scientists have recently

plant photoreceptors," said Dr Robert MacLaren, a scientist found cells on the margin of and eye surgeon at Moorfields the retina in humans which have stem-cell like properties and could potentially be

grown in the lab to become

stem cells we believed that if we could understand how cells develop and become photoreceptors ... our transplantation efforts would meet with greater success," said Professor Anand Swaroop, of the University of Michigan Medical

used stem cells, master cells in the body that have the potential to become any type of cell in the body, had failed because the cells did not form into photo-receptors

eye diseases.





KHAIRUZZAMAN KAMAL

The World AIDS Campaign has named "accountability" as the global theme for World AIDS Day 2006. Thousands of campaigns around the world are preparing different events to raise awareness on HIV/AIDS and to call on leaders to keep the promises they have made to tackle AIDS pandemic.



The theme of accountability, with the slogan, "Stop AIDS: Keep the Promise", was chosen in consultation with civil society campaigns to stress the critical need to meet current commitments to increase the global response to AIDS and reach universal access to treatment, care and prevention

by 2010. Currently, governments are supposed to be engaged in a target setting process for universal access, called for in a political declaration unanimously approved by the United Nations General Assembly on June 2.

However, there are serious questions about the lack of clarity in the process, which is to be completed at the end of the year. Civil

society groups are maintaining pressure on governments to actively set national targets through an inclusive and transparent process "This World AIDS Day will show

either we are on the track to reversing the spread of HIV and AIDS, or we have failed to keep the promises by individuals, communities and nations. We will continue to see HIV spread in every country," states van Soest.

Laser: It implies the therapeu-

tic use of collimated and coherent

light of a single wave length. It is

The World AIDS Campaign supports, strengthens and connects campaigns that hold leaders accountable for their promises on HIV and AIDS. "Stop AIDS. Keep the Promise" is the World AIDS Campaign from 2005-2010. The campaign secretariat is based in Amsterdam, The Netherlands.

The writer is the Executive Director of Bangladesh Manobadhikar Sangbadik Forum (BMSF).

It has been estimated that about 125 million people use contact lenses worldwide (2 percent). In Bangladesh contact lenses are well accepted by opticians as well as people due to its convenient use

Now-a-days there are also "crazy contact lenses" such as cat's eye. These have many risks of complications. These contact lenses, sometimes called noncorrective lenses, do not correct vision and are intended solely to change the color of the eye, but carry serious risks, including permanent eye injury that may lead to blindness. Occasionally men and women even children use those lenses to get a different look. But it is a valuable concern either you are consulting with an optician or not before using this type of lenses.

The US Food and Drug Administration (FDA) warns consumers about the serious risks of using

or blindness. can also lead to infections, abrasions, allergic reaction or blindness corneal ulcers associated with the wearing of decorative contact lenses, especially when worn overnight the eye, can progress rapidly if left untreated. Uncontrolled infection can lead to corneal scarring and vision impairment. In the most severe cases, this condition can

decorative contact lenses without the appropriate involvement of an eve care professional.

Consumers should only use decorative contact lenses if they have seen an ophthalmologist and have obtained proper lens fitting and instructions for use.

The writer is a Product Executive of Contact lenses carry the risks GlaxoSmithKline Bangladesh Ltd

decorative.

Health News

Dr Jouni J K ndoor surfaces, abrasion; and vision impairment Jaakkola of the University of Helsinki in Finland and col-Furthermore, sharing of contact leagues conclude in the Amerlenses prescribed for one person

ican Journal of Epidemiology. A number of materials used in furnishing indoor environments may emit pollutants with the capacity to irritate the airways, the researchers note. While studies have linked certain materials, pollutants and even renovations to asthma in children, they add,

there have been no reports on how such exposure might affect adults' asthma risk. To investigate, the researchers compared 521 adults newly diagnosed with asthma over a 2.5-year period and a control group of 932 adults without

as well as whether they had

researchers found that people living in homes where plaster had been used to level floors were at an 80 percent increased risk of asthma. "Our study provides new evidence that both plastic and textile surface materials in

workplace indoor environments may play a role in the causation of asthma in adulthood," the researchers conclude.

asthma. They were surveyed about the materials they were Source: American Journal of Epidemiology exposed to at home and at work

Your Doctor on skin diseases



Dr Abdus Sadir Associate Professor and Head Department of Skin and VD Sir Salimullah Medical College Mitford Hospital, Dhaka

Dear Doctor. How can we save us from excessive pimple in our faces? Please give me a suggestion. Regards Mohammad Rajja E-mail: the_rajja@cellemail.net Answer:

A pimple is a type of skin lesion

that is caused by inflammation or obstruction the opening of a sebaceous gland that secretes oil to lubricate and protect the surface of the skin. The most common cause of

pimples is acne. In the surface of normal skin, sebum oil passes through the hair follicles to the skin surface. When acne is present, sebum (oil) that normally drains to the surface of the skin get blocked and bacteria begins to grow.

Doctors prescribe medications when acne becomes moderate to severe or is not controlled by over the counter medications. The treatment includes antibiotic with topical benzoyl peroxide,

topical retinoid cream (applied directly on the skin). The outcome for the majority

of acne is excellent. The goal in all acne treatment is to prevent scarring. The scarring of acne can also be treated. A skin specialist can tell you about various ways available to treat acne scars. Pimples can be

treated with a skin sanding procedure called microdermabrasion or also by chemical peels. Lasers and heat light therapy can also be used in treating scars.

A diet high in raw vegetables and fruits is beneficial. Avoid all forms of sugar, alcohol, butter, caffeine, cheese, chocolate, cocoa, cream, fat, fried foods, margarine, hydrogenated oils, soft drinks, iodised salt and processed foods.

To determine if you have an allergy that may be the cause of acne, eliminate aggravating foods for at least one month and slowly return to the diet to see if the acne returns

The face should be kept free from oil by washing with soap at least three times a day. Do not squeeze the spots as this may increase the growth and development of bacteria, worsening the condition and increasing the chance of scarring. You may also need 15 minutes of sunshine, regular exercise and sufficient sleep every day.

Send health related queries to Your Doctor, Star Health, The Daily Star, 19, Karwan Bazar, Dhaka 1215 or e-mail your problem to starhealth@thedailystar.net Bangladesh participated in live video-link session with

WHO headquarter

Government of Bangladesh in association with the World Health Organisation (WHO), Bangladesh participated in a live video-link presentation from Geneva, Switzerland on the global event of "A Year of Cleaner and Safer Care" organised by WHO headquarter, says a press release.

Bangladesh has signed a pledge for patients' safety as a member state of WHO to promote the highest standards of practice and behaviour to reduce the risk of healthcare associated infections in the healthcare centers

According to the WHO report, every year the treatment and care for millions of patient world wide is complicated by infections acquired during healthcare that makes some patients more seriously ill than they would otherwise have been.

The 55th World Health Assembly adopted in 2002 a resolution urging the countries to pay closest possible attention to the problem of patient safety. Inline with

that the world Alliance for Patient safety launched in 2004. WHO and its technical partners have developed strategies to address this global challenge. The WHO guidelines on Hand Hygiene have been developed by technical experts in the field of infection control and prevention. The Guidelines are a major part of the Global Patient Safety Challenge

The video-link programme would foster and sustain collaboration with the research institutions, training schools educational centers, universities and health care settings of other WHO member states to ensure full utilisation of knowledge and experiences in the field of health care associated infections.

The video-link sites showed global support for the WHO Guidelines on Hand Hygiene in Health Care by launching a alobal hand hygiene demonstration.

Bangladesh will be one of the piloting sites for WHO South East Asia Region.

Bringing back hope and dignity by restoring lives

STAR HEALTH REPORT

About 5000 babies are born each year in Bangladesh with congenital abnormalities of cleft lip and cleft palate. Majority of these patients are poor. With cleft deformity, the children are socially humiliated, inaccessible to basic education and face many social obstacle.

Cleft deformities are associated with many congenital anomalies in many cases. A successful reconstruction surgery at an appropriate time allows the children to enjoy their normal lives. But cleft surgeries are very expensive for the poor and middle class families. For these poor patients, cleft surgeries are done free of cost at the Central Hospital in the capital

Cleft patients are operated on for their congenital deformity through charity, sponsored by The Smile Train. Smile Train is an USA based organisation



dedicated to the reconstruction of cleft lip and palate of poor patients. They work in this field at more than hundreds different hospitals in 60 countries. Besides funding, Smile Train is committed to monitor the quality of work in every hospital and every surgeon's skill of operation. In Bangladesh, they have been working through The Smile Train-Central Hospital Cleft Project for the last three years. About 1200 children have been operated under this project.

They shared the present and future plan in Bangladesh at a press conference held at Central Hospital yesterday President of Smile Train Brian Mullaney, National Professor and Chairman of Central Hospital Prof M R Khan, plastic surgeon Prof A J M Salek, other directors of Central Hospital, eminent doctors and patients were present in the press conference

Prof M R Khan expressed with grief that they are facing great problem while clearing the donation from Smile Train, which is completely used for the charity. He urged assistance from the government to help the distressed people in this regard.

A YEAR OF CLEANER AND SAFER CARE | FREE CLEFT SURGERY