



There is Hope Through

## 'CONTACT'

Printed in the interest of those affected by Myasthenia Gravis

"Could It Be MG?"

**Quarterly News** 

Volume 43 Issue III

September 2019

# Support Meetings

## All Welcome

MG Canada Toronto
Support Meeting—Sunday, October 6, 2019
6-8 pm.

Details on page 3)



Like sunshine on a sunshiny day!

MG Canada Ottawa
Support Meeting
New Myasthenia Gravis
Canada Support Group

Sunday, October 6

**3 pm to 5 pm** (Details on page 4)

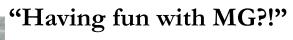
# MGABC Fall Support Meeting.

Sunday, October 20 1:30 pm at 2805 Kingsway,

Vancouver. B.C. Speaker: Dr. Kristen Jack Info 604-451-5511, ext.1284.



#### **Editorial**





Why? There's lots of new treatment progress to learn, share and talk about.

What makes Myasthenia Gravis (MG) patients unique? MG is currently a chronic auto immune condition with no known cure to date. Once diagnosed and successfully treated, many MG patients potentially can live a relatively normal lifespan – not withstanding pre-existing conditions or other health complications. Learning to live and enjoy a quality lifestyle is paramount for MG patients. We still want to live life to the fullest and have fun doing it.

What is changing to benefit MG Canada patients? Since MG Canada arrived over 5 years ago there has been a tremendous advancement in diagnosis/treatment options and accessibility to them. With our help many more know about MG. Although many still take up to two years to diagnose. There are many earlier diagnosed because of more accurate blood testing. There are still many with MG symptoms that are difficult to confirm and treat.

An MG Canada National Patient Education conference will be a great help to exploring ways to improve Quality of Life living with MG both for patient and caregivers. Ideas for optimum MG Fitness. Workshops. Seminars. Research presentations. Information displays showing many new product developments, patient services, healthy lifestyle choices and much more. Personal interaction, uplifting new possibilities and more.

It's time to celebrate our humanity together, in person, socially. Circle late October 2020. MG Canada Expo 2020, "Quality Living with MG" Much more to come. Get excited.

Volunteer to help and participate. Membership@MGCanada.org

Cap Cowan, President, CEO and Newsletter Editor Myasthenia Gravis Society of Canada CapCowan@MGCanada.org 905 642 2545





# Myasthenia Gravis Society of Canada Toronto Area Support Meeting

Sunday, October 6, 2019

Registration: 5:30—6 pm. 6:00-8:00 pm



**Lisa Reaume,** NLP TLT CHt

# Lisa Reaume "Shift to Success"

You Have The Power to Make Today Great

Support Meeting for those living with Myasthenia Gravis, for caregivers, family, friends, interested others.



All Welcome!

Loblaws Community
Meeting Room, Bayview
Village Mall, 2877 Bayview
Avenue, Toronto, M2K 2S3.

(Meeting Room is located upstairs, S/W corner of the store, Elevator access.) Public Transit Access, subway access at Bayview Station on the Sheppard Subway. Free Parking,

For this meeting, we request those members who are able, with last name starting A-L, bring a food item to share. Loblaws has asked that any food served come from their store.

Info at 905 642 2545

www.MGCanada.org



We were fortunate to have Dr. James Scholey, Specialist, Internal and Kidney Medicine as speaker at the June 9 Support Meeting. The topic, "Effects of MG prescription Drugs on Internal Organs" was of great interest to those attending. Concern was expressed about symptoms experienced and what offsetting measures could be taken.





# Myasthenia Gravis Canada Support Group Ottawa Meeting Sunday, October 6, 2019 from 3 pm to 5 pm

Support Meetings are for those living with Myasthenia Gravis, caregivers, family, friends, or interested other. Learn more about MG. Visit! Chat!

Greenboro Community Centre, Meeting Room A, 363 Lorry Greenberg Drive, Ottawa, Ontario, K1T 2R5

> Organized by Pat Griffiths Email: patgriffiths@rogers.com (or just drop in!)

## On Facebook?

# **Interested In Joining our Myasthenia Gravis Facebook Group (Canada)?**

On Facebook, connect with others affected by Myasthenia Gravis through this Support Group - another way to learn more through discussion, posting and comments at Myasthenia Gravis Facebook Group (Canada).



# Two Myasthenia Gravis Brochures Under Review

#### 1. For All Affected by Myasthenia Gravis.

# 2. Facts About Myasthenia Gravis for Patients and Families.

Please read through the brochures and forward your suggestions and comments for improvements. The copy for the brochures follows. Forward your comments to membership@MGCanada.org. Or mail to Myasthenia Gravis Society of Canada, c/o247 Harold Avenue, Stouffville, Ontario, L4A 1C2

#### Brochure #1.

#### For All Affected by Myasthenia Gravis

#### Myasthenia Gravis Society of Canada (MG Canada)

Myasthenia Gravis Society of Canada fulfills the need for a Canadian national MG Society dedicated to assist obtaining the maximum support, education and research for all Canadians affected by Myasthenia Gravis.

#### **MYASTHENIA GRAVIS SOCIETY GOALS**

(logo)

- Encourage, support and teach patients and caregivers about MG.
- Educate the public, including healthcare workers, about Myasthenia Gravis.
- Support research, through fundraising for better treatments and a cure for MG.



#### MEETINGS VARY IN DIFFERENT AREAS OF CANADA

Support Meetings. Members get notice with the MG Canada newsletter, our website and social media, etc., before each



meeting. Many meetings include a guest presentation relative to MG. All offer an opportunity to exchange ideas and experiences with other members in a social setting. MG Canada also provides information on support meetings and education days being organized by MG Canada and other MG organizations in Canada.

# MG CANADA SUPPORT & INFORMATION TOOLS 24/7 WEBSITE

www.MGCanada.org. Information on MG Meetings, news, education videos, past newsletters, etc.

**24/7 SOCIAL MEDIA** including MG Canada's Myasthenia Gravis Facebook Group (Canada) for MG patients and MG caregivers who are encouraged to join.

MG CANADA NEWSLETTER "CONTACT" On average, each issue of "CONTACT" presents many pages of items related to Myasthenia Gravis. "CONTACT" draws on a wide supply of current material, studies on MG, personal stories and more.

**PERSONAL CONTACT AND SUPPORT** Someone newly diagnosed with Myasthenia Gravis needs to know that:

- Much information about MG is available.
- Many others have MG and are now in reasonable health,
- With time, most diagnosed patients can achieve a controlled and relatively level lifestyle.

First contact is usually with the president, or the membership coordinator. The caller is invited to join the Myasthenia Gravis Society of Canada and is sent a pamphlet with general information about MG, and a copy of this brochure (which includes a membership application form.) After joining, a member receives further information. Other resources of MG Canada can be made available as needed. MG Society of Canada may be able to put patients or family members in touch with other members who have similar experiences with MG and who have been through similar situations.

Myasthenia Gravis Society of Canada

c/o 247 Harold Avenue Stouffville, Ontario, L4A 1C2 905 642 2545 membership@MGCanada.org



#### FINANCES AND FUNDRAISING

Although all executive and committee positions are filled by volunteers, operating costs are assisted greatly by the prompt payment of annual membership dues. Fundraising projects are undertaken from time to time to especially assist supporting MG Canada programs for MG patients, present and future.

#### **DONATIONS**

All gifts help to realize the goals of the Myasthenia Gravis Society of Canada.

Financial gifts can be made to honour a special achievement or occasion, in someone's memory, or simply in support of the work to help patients with education, awareness of MG effects, and to continue to encourage qualified research into cause and cure for MG.

Cheques should be made payable to Myasthenia Gravis Society of Canada. Please mail donations and fees for membership to:

Myasthenia Gravis Society of Canada c/o 247 Harold Avenue Stouffville, Ontario, L4A 1C2.

Email any questions to Membership@MGCanada.org.

#### **VOLUNTEERS**

Gifts 'of time' and 'in kind" also help realize our goals. Many people are needed to plan and carry out Myasthenia Gravis Society of Canada activities and projects. Friendship and satisfaction are rich rewards from helping to improve the future for MG patients.

#### **MEMBERSHIP**

Our roster includes those who have Myasthenia Gravis, relatives and friends as well as healthcare workers, doctors and other volunteers. We constantly learn and grow as we strive to increase awareness of MG to help those in need and to raise money for continuing research. We also have fun doing it.

To join, whether as an individual or a family, complete the form inside the cover of this brochure and mail it with your fee to the address on the form. PLEASE DO IT NOW!



#### Myasthenia Gravis Society of Canada Membership Application or

**Renewal.** . Mail to: Myasthenia Gravis Society of Canada, c/o 247 Harold Avenue, Stouffville,

Ontario, L4A 1C2. 905 642 2545. (or email membership to Membership@MGCanada.org) Last Name \_\_\_\_\_ First Name: \_\_\_\_\_\_\_\_ \_\_\_\_\_Unit #\_\_\_\_\_ \_\_\_\_\_ Prov. \_\_\_\_\_ Postal Code \_\_\_\_\_ Home Phone: \_\_\_\_\_ Cell Phone: \_\_\_\_\_ Email Address: Date of Birth: (Month/Day/Year) Female \_\_\_\_ Male \_\_\_\_ I have MG \_\_\_\_ I do not have MG \_\_\_\_ My Neurologist is: Dr. Address in Full: Would you like to receive "CONTACT" newsletter by email? Yes \_\_\_\_\_ No \_\_\_\_ Annual Membership Fee: \$20.00 + \$2.60 hst = \$22.60 + Donation (Optional) = Total \_\_\_\_\_\_. Please make cheque payable to: Myasthenia Gravis Society of Canada Please complete as much of the form as possible. All information will be kept in the strictest confidence. Registered Charity#81155 1431 RR0001 @Myasthenia Gravis Society of Canada

#### BROCHURE # 2.

### **FACTS ABOUT MYASTHENIA GRAVIS** for Patients & Families



Reviewed by: M. Nicolle, MD, FRCPC, D.Phil

"Could It Be MG?"

©

Resources, activities and meetings are designed to support and inform those who have or are interested in this disease.

> For additional information contact the Myasthenia Gravis Society of Canada

> > c/o 247 Harold Avenue,

Stouffville, Ontario, L4A 1C2

905 642 2545

Membership@MGCanada.org www.MGCanada.org



#### WHAT IS MYASTHENIA GRAVIS? (MG)

Myasthenia Gravis is a chronic neuromuscular disease that produces weakness. MG derives its name from Latin and Greek words meaning "grave muscle weakness".

The disease is characterized by abnormal weakness of voluntary muscles (those muscles controlled by will). This weakness increases with activity and decreases with periods of rest.

#### SYMPTOMS? "COULD IT BE MG?" ©

Symptoms may be any of the following, alone or in combination. Their severity may vary from person to person and from time to time:

- Drooping eyelids
- Double vision
- Difficulty controlling facial expressions
- Difficulty with chewing and swallowing
- Slurred speech
- Weakness in arms, legs or neck, difficulty in climbing, standing or holding head erect
- Inability to raise arms over the head
- Difficulty in breathing

#### **CAUSE?**

MG is an autoimmune disease which involves a malfunction at the junctions between nerves and muscles. The body manufactures abnormal antibodies which prevent the muscles from responding properly to the signals from the nerves. To date research has not revealed what activates the malfunction initially.

#### WHO GETS IT?

It occurs in both sexes, all races and all age groups. Most commonly it first appears in women between the ages of 20 and 40 and in men over 50. In general MG is being diagnosed more often in the elderly than it was in the past. It is not transmittable to others and with rare exceptions is not hereditary.

#### **HOW IS MG DIAGNOSED?**

If any of the symptoms point to a possibility of MG, the physician in charge many use some of the following tests or procedures.



#### • LABORATORY TESTS

A blood sample is taken and analysed for the presence of AChR (Acetylcholine receptor), MuSK (Muscle-specific kinase) or rarely LRP4 or Agrin antibodies. Their presence indicates you almost certainly have MG but these antibodies are not found in all patients with MG ('Seronegative').

#### NEUROLOGICAL EXAM

This examination tests to see how the nerves and muscles react to certain stimulation. The focus is both on how well and how long you can perform certain tasks with your muscles.

#### TENSILON<sup>TM</sup> TEST

The drug Tensilon<sup>TM</sup> is injected into a vein. If your strength improves temporarily it is a sign that you may have MG. This test is rarely done these days.

#### ICE PACK TEST

The local application of ice over a droopy eyelid will sometimes produce temporary improvement for a few minutes after the ice is removed. This test has mostly replaced the Tensilon Test.

#### PULMONARY FUNCTION TESTS

Pulmonary function or breathing tests help the doctor determine whether or not your respiratory muscles are affected.

#### ELECTROMYOGRAPHY

Electromyography (EMG) is a test for determining how well the muscles respond to electrical stimulation. Several muscles may need to be tested. Although sometimes a little uncomfortable, this test provides valuable information. Two tests are used specifically to diagnose MG; repetitive nerve stimulation (RNS) and single fibre EMG (SFEMG).

#### TREATMENT

There have been major advances in the treatment of MG in recent years. Although there is no cure for MG yet, the available treatments are sufficiently effective that most patients will experience considerable improvement and can eventually lead near normal lives. The various forms of treatment include medications, plasmapheresis (plasma exchange), IVIg and thymectomy.

#### MEDICATIONS

Medications are most frequently used in treatment. Anticholinesterase agents (such as Mestinon®) allow the acetylcholine to

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#### Myasthenia Gravis Society of Canada



MGSOC Brochure Continued from P. 10

remain at the neuromuscular junction a little longer than usual so that more receptor sites can be activated. Prednisone, a cortisone-like drug, and/or azathioprine (Imuran®) may be used to suppress the immune system and its production of all antibodies. Other immunosuppressant drugs used in MG include mycophenolate (e.g. CellCept®), cyclosporine, tacrolimus, methotrexate or cyclophosphamide. Close contact with the family doctor is desirable because these drugs may decrease the body's natural protection against infection. Some medications (azathioprine in particular) require regular monitoring of blood tests such as liver tests and monitoring of white blood cell counts.

#### PLASMAPHERESIS

Plasmapheresis may also be useful in the treatment of MG. This procedure removes the abnormal antibodies from the serum of the blood in patients with MG. The improvement in muscle strength may be striking but is usually short-lived (weeks to 1-2 months) since the abnormal antibodies continue to be formed. Therefore, when plasmapheresis is used, it may require repeated use. Plasmapheresis may be especially helpful during a period of MG crisis or before surgery including a thymectomy.

#### IVIG - INTRAVENOUS IMMUNOGLOBULIN

IVIg is most commonly used for patients with an exacerbation of their MG. Its effectiveness has been demonstrated in randomized clinical trials. It is used under similar circumstances to plasmapheresis.

#### THYMECTOMY

Thymectomy (the surgical removal of the thymus gland) is sometimes used in MG. The thymus lies behind the breast bone and is an important part of the immune system. Younger patients with MG may have a "hyperplastic" thymus whereas in older patients there is a chance of a tumour in this gland (in 10 -15% of patients) called a thymoma. If there is a thymoma, the thymus is usually removed to reduce the risk of malignancy but usually does not help the MG. When the thymus is hyperplastic, a thymectomy may reduce the severity of muscle weakness. This can take many months to a year or more after surgery. In a few patients the muscle weakness may completely disappear and this is called a remission. How much a thymectomy helps varies with each patient but it is most effective when AChR antibodies are positive and probably not indicated if MuSK antibodies are positive.

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MGSOC Brochure Continued from P. 11

#### Which of these treatments should be used for a person with

**MG** depends upon the severity of the weakness, which muscles are affected, the person's age and other associated medical problems. The doctor will determine which of these treatments may be best for each patient.

#### **SPECIAL ISSUES:**

#### **MEDICATIONS**

Both MG and many medicines used to treat it can react badly with other medications. Before prescribing any medicine for you, the doctor (or nurse) should know that you have MG and what medicines you are taking. MG patients should carry information listing your medicines and dosages. There are many lists of medications that may cause a problem with your MG. It is a good idea to carry a card listing these medications. MG members receive a medication list wallet card. For many of these medications, the risk that they will worsen MG is low and they are only relatively contraindicated in MG.

#### **PREGNANCY**

Most women with MG have no problems during pregnancy. A few may note greater weakness at some point in the pregnancy or following the delivery. This is usually temporary. Between 10 – 15% of infants born to mothers with MG have a temporary type of MG weakness: "neonatal myasthenia gravis". This is due to the transfer of abnormal antibodies from the mother to the fetus before the baby is born. It requires proper treatment but clears within a few weeks. It does not recur in later life. This is becoming less common as mothers with MG are diagnosed and treated earlier.

#### **PROGNOSIS**

The current treatments for MG are effective and the outlook for most patients is bright. Learning to live with MG requires some adjustments that will affect you and your whole family. It is vital that you and your family completely understand the illness and its treatment.

Myasthenia Gravis, with proper treatment, is no longer a life threatening disease. Most patients will show significant improvement in their muscle weakness. In some cases, MG may go into remission, in which case the muscle weakness disappears. Remission may last as long as many years and during these periods, treatment may not be necessary. For most MG patients, a new norm quality of life is possible with consistent use of prescribed treatments, adjustment to a less stressful lifestyle, balanced diet, exercise, and more frequent rest.



#### MG Patient Support Needed for Research

In Canada, research on a study drug is taking place in 5 locations: Edmonton, Toronto, London, Ottawa and Montreal. Study participants must be at least 18 years old, diagnosed with generalized Myasthenia Gravis with a positive anti-AChR antibody test. Interested? Curious? Contact membership@MGCanada.org for further information or call 905 642 2545.

All inquires will be kept in confidence.

# Wonderful MG Publicity!

# Myasthenia Gravis received wonderful publicity in the Comox Valley Record. It was inspired by Linda MacMullen and her 2nd Annual Walk for MG

(The following article, by Terry Farrell, ran by the Comox Valley Record on June 9, 2019. Reprinted with permission.)

# "Comox Valley Woman battling rare autoimmune disease.

Linda MacMullen a voice for those with myasthenia gravis Terry Farrell/Jun. 9, 2019 6:00 a.m./COMMUNITY "

"Myasthenia gravis is so difficult to diagnose, Linda MacMullen isn't even sure how long she has had the autoimmune disease.

"I was diagnosed in 2001, but I know I had it for at least 10 years before I was diagnosed, and my mom was sure I've had it all my life," said the Courtenay resident.

Myasthenia Gravis (MG) is a rare neuromuscular/autoimmune disease that affects an estimated 30,000 Canadians. The disease causes weakness in the skeletal muscles responsible for breathing and moving parts of the body, including the arms and legs. Certain muscles, such as those that control eye and eyelid movement, facial expression, chewing, talking, and swallowing are often (but not always) involved in the disorder. The muscles that control breathing, and neck and limb movements may also be affected.



Continued from Page 13—Wonderful MG Publicity.

"It can be really difficult to diagnose," said MacMullen. "People can get the blood test, it can come back 'negative,' but that doesn't mean they don't have it. They [medical community] still don't know all the antibodies that are responsible. They are finding more antibodies all the time."



Linda MacMullen is one of the very few Comox Valley residents to be diagnosed with myasthenia gravis. She (hosted) a walk around Courtenay Airpark on Sunday, June 16, to raise funds for research. Photo by Terry Farrell For years, doctors were baffled with MacMullen's condition. A chance appointment with a local ophthalmologist changed that. "My regular ophthalmologist was on holidays so I saw the ophthalmologist who was filling in for mine – Dr. Shaver – and within five minutes he said, 'I think you have this.' "So he did the blood work, and of course I came back negative – I don't do things the easy way. So they sent me over to Vancouver, and a neuro-ophthalmologist got super excited when he saw my eyes and said that yes, I did have it."

Treatment of MG varies from patient to patient. For MacMullen, treatment involves three consecutive days of immune globulin intravenous (IGIV) every three weeks.

"It's four hours each day for three days in a row. I repeat that every three weeks," she explained.

June is Myasthenia Gravis Awareness Month. The Comox Valley MG Walk 2019, to raise funds for the Myasthenia Gravis Society of Canada, takes (*took*) place Sunday at 10 a.m. at the Airpark in Courtenay. Registration is at 9:30, next to the kayak rental location (corner of 20 Street and Cliffe Avenue).

MacMullen said there were some positives that came out of the media exposure surrounding last year's inaugural walk, which attracted 20 participants.

RELATED: Comox Valley resident bringing awareness to MG "In a lot of ways, that first walk was very successful," she said. "From personal experience, from ending up in the emergency room

Cont. on P. 15



Continued from Page 14—Wonderful Publicity for MG

at the hospital, I actually had doctors who knew what the heck myasthenia was. That's always been one of the big problems."

MacMullen said since the walk last year, she has met more people that have MG, and she is hopeful of their presence at this year's walk.

"Since last year's walk, I know of at least two other people that have it, and there are probably a lot more that have the symptoms but just don't know what it is," she said.

Donations will be collected at the walk itself. There will also be coffee mugs, shirts, ball caps, lapel pins and bracelets available for purchase at the event. All funds raised will go to the Myasthenia Gravis Society of Canada, for research."

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## MG Peer Support Group

Whether you have recently received the news that you have Myasthenia Gravis, or you have been living with MG and want to share your experience, these members have offered their support. Please feel free to contact them to discuss your experience.

Aleem Remtulla, Toronto, ON 647-390-0522
Tiina Elder, Mississauga, ON 905-565-5875
Jill Thomson, Calgary, AB. T2J 0V6 403-286-0056

Phillip Sanderson, Harriston, ON, N0G 1Z0. 519-338-3356

Florence Pye, Carleton Place, ON, K7C 1P8. 613-257-1847

Vikki LeDez, Sunderland, ON, L0C 1H0 705-357-0377

Fernanda Nascimento, St. Catherines, ON. 905-937-9762

Would you be interested in being a MGSOC Peer Support Contact in your area? Inquire 905 642 2545

Pat Griffiths, Ottawa, Ontario. 613-237-1649



# Your Donations to Myasthenia Gravis Society of Canada Help Keep Us Going and Growing

#### A Huge Thank You For Support

Myasthenia Gravis Society of Canada received Memberships, Donations, MG Fit Pledges, "Celebration of Life" Memorium Gifts, and other charitable donations.

All gifts help to realize the goals of Myasthenia Gravis Society of Canada: To help those with Myasthenia Gravis, a chronic condition. To educate caregivers, family, the public & Healthcare Professionals. To encourage research into cause and cure for MG.

Donations can be mailed to
Myasthenia Gravis Society of Canada,
247 Harold Avenue, Stouffville, Ontario, L4A 1C2.
Or donate online at www.MGCanada.org

905 642 2545

Registered Charity#81155 1431 RR0001

Is your membership due for update? Please email membership@MGcanada.org







One of Nature's
Miracles....
Black Cherry Tomatoes

It is not the strongest
of the species that
survive, nor the most
intelligent, but the one
most responsive to change.
Charles Darwin

When words fail, music speaks.
Shakespeare





#### Myasthenia Gravis Society of Canada New/Renew Your MG Canada

#### **MEMBERSHIP APPLICATION**

Date		New Member Renewal		
Last Na				Female
First Name		Date of Birth		
Addres	ss (Include Suite #)			
		Postal Code		
Phone		Cell	Phone	
Name	of Spouse, Partner or Significant	Other (Optio	nal)	
E-mail Address				
via e-n	er to reduce postage costs I would nail, rather than by regular mail:  you like us to call you? Yes	Yes	No	terly newsletter "Contact"
For "N	lyasthenics Only" and for statisti	ical purpose	s (held in stri	ictest confidence):
My Neurologist is Dr				
Neurologist's Telephone No.				
ANNUAL MEMBERSHIP FEE				
	\$ 20.00 + \$2.60 HST = \$ 22.60	\$	(12 mon	ths – Individual or Family)
<u>or</u>	\$ 50.00 + \$ 6.50 HST = \$ 56.50	\$	(36 mon	ths – Individual or Family)
	Donation Total		(optiona	al
Please complete as much of the form as possible. All information will be kept in the strictest confidence.				
It is important to keep your membership and record of information up to date and accurate each year. Please advise any changes during your renewal period.				
Questions or Changes? Call 905 642 2545 or e-mail to membership@MGCanada.org				
Mail completed form and payment to:				

**c/o 247 Harold Avenue, Stouffville, Ontario, L4A 1C2.**Please make cheque payable to: Myasthenia Gravis Society of Canada

Membership Coordinator - Myasthenia Gravis Society of Canada

Tax Receipt issued for Donations of \$10 or more. Registered Charity#81155 1431 RR0001



MG Canada's Newsletter "Contact" is published by

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c/o 247 Harold Avenue, Stouffville, Ontario, L4A 1C2
Phone 905 642 2545 www.MGCanada.org

Do you have an MG article of interest to "Contact"?

Please forward to membership@MGCanada.org

Articles in the Myasthenia Gravis Society of Canada Newsletter express the views of the author and are for information only, not medical advice. Patients should consult with their physicians for medical treatment.

