



8th Floor, 100 University Avenue
 Toronto, Ontario M5J 2Y1
 www.computershare.com

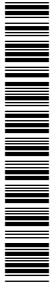
XBHQ 000001

SAM SAMPLE
 123 SAMPLES STREET
 SAMPLETOWN SS X9X X9X
 CANADA

Security Class
COMMON

Holder Account Number
B9999999999 IND

Intermediary
ABCD



Fold

Voting Instruction Form ("VIF") - Annual General and Special Meeting to be held on June 4, 2018 at 8:00 AM (Vancouver Time)

NON-REGISTERED (BENEFICIAL) SECURITYHOLDERS

1. We are sending to you the enclosed proxy-related materials that relate to a meeting of the holders of the series or class of securities that are held on your behalf by the intermediary identified above. Unless you attend the meeting and vote in person, your securities can be voted only by management, as proxy holder of the registered holder, in accordance with your instructions.
2. *We are prohibited from voting these securities on any of the matters to be acted upon at the meeting without your specific voting instructions.* In order for these securities to be voted at the meeting, it will be necessary for us to have your specific voting instructions. Please complete and return the information requested in this VIF to provide your voting instructions to us promptly.
3. If you want to attend the meeting and vote in person, please write your name in the place provided for that purpose in this form. You can also write the name of someone else whom you wish to attend the meeting and vote on your behalf. Unless prohibited by law, the person whose name is written in the space provided will have full authority to present matters to the meeting and vote on all matters that are presented at the meeting, even if those matters are not set out in this form or the information circular. Consult a legal advisor if you wish to modify the authority of that person in any way. If you require help, please contact the Registered Representative who services your account.
4. **This VIF should be signed by you in the exact manner as your name appears on the VIF. If these voting instructions are given on behalf of a body corporate set out the full legal name of the body corporate, the name and position of the person giving voting instructions on behalf of the body corporate and the address for service of the body corporate.**
5. If this VIF is not dated, it will be deemed to bear the date on which it is mailed by management to you.
6. **When properly signed and delivered, securities represented by this VIF will be voted as directed by you, however, if such a direction is not made in respect of any matter, the VIF will direct the voting of the securities to be made as recommended in the documentation provided by Management for the meeting.**
7. This VIF confers discretionary authority on the appointee to vote as the appointee sees fit in respect of amendments or variations to matters identified in the notice of meeting or other matters as may properly come before the meeting or any adjournment thereof.
8. Your voting instructions will be recorded on receipt of the VIF.
9. By providing voting instructions as requested, you are acknowledging that you are the beneficial owner of, and are entitled to instruct us with respect to the voting of, these securities.
10. If you have any questions regarding the enclosed documents, please contact the Registered Representative who services your account.
11. This VIF should be read in conjunction with the information circular and other proxy materials provided by Management.

Fold

VIFs submitted must be received by 8:00 AM (Vancouver Time) on May 31, 2018.

VOTE USING THE TELEPHONE OR INTERNET 24 HOURS A DAY 7 DAYS A WEEK!



To Vote Using the Telephone

- Call the number listed BELOW from a touch tone telephone.

1-866-734-VOTE (8683) Toll Free



To Vote Using the Internet

- Go to the following web site:
www.investorvote.com
- **Smartphone?**
 Scan the QR code to vote now.



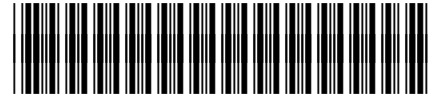
If you vote by telephone or the Internet, DO NOT mail back this VIF.

Voting by mail may be the only method for securities held in the name of a corporation or securities being voted on behalf of another individual.

Voting by mail or by Internet are the only methods by which a holder may choose an appointee other than the Management appointees named on the reverse of this VIF. Instead of mailing this VIF, you may choose one of the two voting methods outlined above to vote this VIF.

To vote by telephone or the Internet, you will need to provide your **CONTROL NUMBER** listed below.

CONTROL NUMBER 23456 78901 23456



IND DT

Appointee(s)

Management Appointees are: Paul Geyer, Chairman, or failing him, Fred Colen, Chief Executive Officer, or failing him, Chris Clark, Chief Financial Officer,

OR

If you wish to attend in person or appoint someone else to attend on your behalf, print your name or the name of your appointee in this space (see Note #3 on reverse).

[Empty box for appointee name]

as my/our appointee to attend, act and to vote in accordance with the following direction (or if no directions have been given, as the appointee sees fit) and all other matters that may properly come before the Annual General and Special Meeting of securityholders of Neovasc Inc. to be held at 2600 – 595 Burrard Street, Vancouver, British Columbia, on June 4, 2018 at 8:00 AM (Vancouver Time) and at any adjournment or postponement thereof.

VOTING RECOMMENDATIONS ARE INDICATED BY HIGHLIGHTED TEXT OVER THE BOXES.

1. Election of Directors

	For	Withhold		For	Withhold		For	Withhold
01. Paul Geyer	<input type="checkbox"/>	<input type="checkbox"/>	02. Alexei Marko	<input type="checkbox"/>	<input type="checkbox"/>	03. Doug Janzen	<input type="checkbox"/>	<input type="checkbox"/>
04. Steven Rubin	<input type="checkbox"/>	<input type="checkbox"/>	05. Dr. Jane Hsiao	<input type="checkbox"/>	<input type="checkbox"/>	06. Dr. William O'Neill	<input type="checkbox"/>	<input type="checkbox"/>

Fold

For Withhold

2. Appointment of Auditors

Appointment of Grant Thornton LLP as Auditors of the Company for the ensuing year and authorizing the Directors to fix their remuneration.

For Against

3. Stock Option Plan

To consider, and if thought fit, to approve, with or without amendment, an ordinary resolution of shareholders to approve an amendment to, and unallocated options under, the Company's existing stock option plan.

For Against

4. Approval of Share Consolidation

To consider and, if thought fit, to approve, with or without amendment, a special resolution approving the consolidation of the Company's common shares, the full text of which resolution is set out in the accompanying Management Information Circular under the heading "Approval of Common Share Consolidation".

Fold

Authorized Signature(s) - This section must be completed for your instructions to be executed.

If you are voting on behalf of a corporation or another individual you may be required to provide documentation evidencing your power to sign this VIF with signing capacity stated.

Signature(s)

Date

[Empty box for signature]

DD / MM / YY

Interim Financial Statements - Mark this box if you would like to receive Interim Financial Statements and accompanying Management's Discussion and Analysis by mail.

Annual Financial Statements - Mark this box if you would like to receive the Annual Financial Statements and accompanying Management's Discussion and Analysis by mail.

If you are not mailing back your VIF, you may register online to receive the above financial report(s) by mail at www.computershare.com/maillinglist.



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 www.computershare.com

XBHQ 000002

SAM SAMPLE
 123 SAMPLES STREET
 SAMPLETOWN SS X9X X9X
 AUSTRALIA

Security Class
COMMON

Holder Account Number
B9999999999 IND

Intermediary
ABCD



Fold

Voting Instruction Form ("VIF") - Annual General and Special Meeting to be held on June 4, 2018 at 8:00 AM (Vancouver Time)

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312-588-4291 Direct Dial



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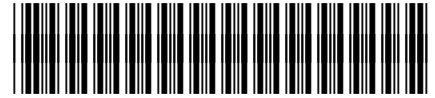
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OR

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[Empty box for appointee name]

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For **Withhold**

For **Against**

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For **Against**

For **Against**

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For **Against**

For **Against**

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Date

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DD / MM / YY

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