

DAFTAR ISI

	Halaman
Sampul Depan	i
Sampul Dalam	i
Lembar Pengesahan	ii
Penetapan Panitia Penguji Skripsi.....	iii
Surat Pernyataan Orisinalitas	iv
Ucapan Terima Kasih.....	v
<i>Abstract</i>	vii
Abstrak.....	viii
Daftar Isi.....	ix
Daftar Tabel	xi
Daftar Gambar.....	xii
Daftar Singkatan.....	xiii
BAB 1 PENDAHULUAN	1
1.1. Latar Belakang	1
1.2. Rumusan Masalah	5
1.3. Tujuan Penulisan.....	5
1.3.1. Tujuan Umum	5
1.3.2. Tujuan Khusus	5
1.4. Manfaat Penulisan.....	6
BAB 2 TINJAUAN PUSTAKA	7
2.1. Pencabutan Gigi	7
2.1.1. Definisi Pencabutan Gigi	7
2.1.2. Indikasi Pencabutan Gigi	7
2.1.3. Kontraindikasi Pencabutan Gigi	8
2.1.4. Kontraindikasi Absolut	8
2.1.4.2. Komplikasi Pencabutan Gigi	10
2.2. Penyembuhan Luka.....	14
2.2.1. Definisi Penyembuhan Luka.....	14
2.2.2. Tahapan Penyembuhan Luka	15
2.2.2.1. Fase Hemostasis.....	16
2.2.2.2. Fase Inflamasi	17
2.2.2.3. Fase Proliferasi.....	22
2.2.2.4. Fase Remodeling.....	23
2.2.3. Faktor Yang Berpengaruh Dalam Penyembuhan Luka	24
2.2.3.1. Faktor Lokal.....	24

2.2.3.1.1. Oksigenasi	24
2.2.3.1.2. Infeksi.....	24
2.2.3.1.3. Bahan Asing	25
2.2.3.1.4. Jaringan Nekrotik	25
2.2.3.1.5. Iskemia	26
2.2.3.1.6. Ketegangan Luka	26
2.2.3.2. Faktor Sistemik.....	27
2.2.3.2.1. Usia	27
2.2.3.2.2. Merokok	28
2.2.3.2.3. Stres.....	28
2.2.3.2.4. Diabetes.....	29
2.3. Toll-Like Receptors 4.....	30
2.3.1. Definisi <i>Toll-Like Receptor 4</i> (Tlr4).....	30
2.3.2. Morfologi Tlr4.....	31
2.3.3. Fungsi Tlr4	32
2.3.4. Aktivasi Tlr4.....	33
2.3.4.1. Myd88-Dependent Pathway	35
2.3.4.2. Myd88-Independent Pathway (Trif-Dependent Pathway)	37
2.3.5. Tlr4 Dalam Proses Inflamasi	38
2.3.6. Peran Tlr4 Pada Luka Cabut Gigi	40
BAB 3 KERANGKA KONSEPTUAL.....	43
3.1. Kerangka Konsep	43
3.2. Penjelasan Kerangka Konsep	44
3.3. Hipotesis Penulisan	45
BAB 4 METODE LITERATURE REVIEW.....	46
4.1. Kriteria Inklusi Dan Eksklusi	46
4.1.1. Desain Artikel.....	46
4.1.2. Partisipan/Problem	47
4.1.3. <i>Outcome</i>	47
4.2. Sumber Informasi	47
4.3. <i>Search Strategy</i>	47
4.4. <i>Study Selection</i>	48
4.5. <i>Data Extraction</i>	48
BAB 5 HASIL.....	49
5.1. Hasil Pencarian Artikel.....	49
5.2. Karakteristik Artikel	49
BAB 6 PEMBAHASAN.....	52
BAB 7 PENUTUP	70
7.1. Kesimpulan.....	70
7.2. Saran	70
DAFTAR PUSTAKA	71

DAFTAR TABEL

Tabel 2.1	Sel-sel inflamasi, fungsinya dan mediatornya dilepaskan dalam perbaikan jaringan	19
Tabel 2.2	Ekspresi mRNA dan protein TLR dalam sel epitel mukosa rongga mulut.....	31
Tabel 5.1	Ekstraksi Data.....	50

DAFTAR GAMBAR

Gambar 2.1 Fase Penyembuhan Luka.....	15
Gambar 2.2 Fase Penyembuhan Luka normal secara seluler dan molekuler	16
Gambar 2.3 Struktur TLR.....	32
Gambar 2.4 Struktur TLR4 & LPS	35
Gambar 2.5 Aktivasi persinyalan TLR Jalur MyD88- <i>Dependent</i>	37
Gambar 2.6 Aktivasi persinyalan TLR Jalur MyD88- <i>Independent</i>	38

DAFTAR SINGKATAN

SINGKATAN	KEPANJANGAN
α -SMA	<i>A-Smooth Muscle Action</i>
ATP	<i>Adenosine Triphosphate</i>
BMP	<i>Bone morphogenetic protein</i>
C3a	<i>Complement-3a</i>
C5a	<i>Complement-5a</i>
CD14	<i>Cluster of Differentiation 14</i>
DAMPs	<i>Damage Associated Molecules Patterns</i>
ECM	<i>Extracellular Matrix</i>
ERK	<i>Extracellular Signal-Regulated Kinase</i>
EGF	<i>Epidermal Growth Factor</i>
FGF2	<i>Fibroblast Growth Factor 2</i>
FGF7	<i>Fibroblast Growth Factor 7</i>
FGF10	<i>Fibroblast Growth Factor 10</i>
IFN- β	<i>Interferon-β</i>
HMGB1	<i>High-Mobility Group Box 1</i>
IGF	<i>Insulin-Like Growth Factors</i>
IGF-1	<i>Insulin-Like Growth Factors-1</i>
IgG	<i>Immunoglobulin G</i>
IL-1	<i>Interleukin 1</i>
IL-1 β	<i>Interleukin 1β</i>
IL-1R	<i>Interleukin 1 Receptor</i>
IL-6	<i>Interleukin 6</i>
IL-8	<i>Interleukin 8</i>
IL-10	<i>Interleukin 10</i>
I κ B	<i>Inhibitor Nuclear Factor Kappa B</i>
I κ B α	<i>Inhibitor Nuclear Factor Kappa B A</i>
I κ B β	<i>Inhibitor Nuclear Factor Kappa B B</i>

I κ B γ	<i>Inhibitor Nuclear Factor Kappa B Γ</i>
IKK	<i>Inhibitor Kappa B Kinase</i>
IKK α	<i>Inhibitor Kappa B Kinase A</i>
IKK β	<i>Inhibitor Kappa B Kinase B</i>
IKK γ	<i>Inhibitor Kappa B Kinase Γ</i>
IRAK	<i>Interleukin-1 Receptor-Associated Kinase</i>
IRF3	<i>Interferon Regulatory Factor 3,</i>
JNK	<i>C-Jun N-Terminal Kinase</i>
LBP	<i>LPS-Binding Protein</i>
LPS	<i>Lipopolisakarida</i>
<i>Mϕ</i>	<i>Machrophage</i>
MAPKs	<i>Mitogen-Activated Protein Kinases</i>
MAPKKK	<i>Mitogen-Activated Protein Kinase Kinase Kinase</i>
MD-2	<i>Myeloid Differentiation Protein-2</i>
MMPs	<i>Matrix Metalloproteinases</i>
MMP-2	<i>Matrix Metalloproteinase-2</i>
MMP-9	<i>Matrix Metalloproteinase-9</i>
MyD88	<i>Myeloid Differentiation Primary Response Gene</i>
NEMO	<i>Nfκb Essential Modulator</i>
NF κ B	<i>Nuclear Factor Kappa B</i>
PAMPs	<i>Pathogen Spesific Associated Molecules Patterns</i>
PDGF	<i>Platelet Derived Growth Factor</i>
PMN	<i>Polimorfonuklear</i>
PRR	<i>Pattern-Recognition Receptors</i>
ROS	<i>Reactive Oxygen Species</i>
TAB	<i>TAK1-Binding Proteins</i>
TAK	<i>Transforming Growth Factor-B (TGF-B)-Activated Kinase</i>
TGF- β	<i>Transforming Growth Factor-β</i>
Th-1	<i>T Helper-1</i>
Th-2	<i>T Helper-2</i>

TIMP	<i>Tissue Inhibitors of metalloproteinase</i>
TIR	<i>Toll/IL-1 receptor</i>
TLR	<i>Toll Like Receptor</i>
TNF- α	<i>Tumor Necrosis Factor-α</i>
TRAM	<i>TRIF-Related Adaptor Molecule</i>
TRAF	<i>Tumor Necrosis Factor (TNF) Receptor-Associated Factor</i>
TRIF	<i>TIR-Domain-Containing Adapter-Inducing Interferon-B</i>
VEGF	<i>Vascular Endothelial Growth Factor</i>